

# Janisol Arte 66

Filigrane wärmegeämmte Fenster und Verglasungen aus Stahl

# Janisol Arte 66

Fenêtres et vitrages fixes en acier fins à rupture de pont thermique

# Janisol Arte 66

Thermally insulated slim windows and fixed lights in steel

Grafische Planungsdaten wie z.B. Anwendungsbeispiele, Konstruktionsdetails, Anschlüsse am Bau, die in unseren physischen oder elektronischen Dokumentationsunterlagen enthalten sind, sind schematische Darstellungen. Gleiches gilt für digitale Medien wie CAD Dateien oder BIM Modelle.

Sie sollen den ausführenden Metallbauer und/oder Fachplaner bei der Planung und Ausführung eines Projektes unterstützen. Sie sind im konkreten Anwendungsfall durch den ausführenden Metallbauer und/oder Fachplaner auf die Verwendbarkeit im konkreten betroffenen Projekt hinsichtlich rechtlichen/regulatorischen aber auch technischen objektspezifischen Anforderungen zu überprüfen und ggfs. eigenverantwortlich anzupassen.

Bei der Überprüfung, der spezifischen Planung und der Umsetzung sind die objektspezifischen Rahmenbedingungen (Material der Bausubstanz, Dimension des Einbauelements, Farbe, Exposition, Lasteinwirkung, etc.) sowie der geltende Stand der Technik einschliesslich aller anwendbaren Normen und technischen Richtlinien eigenverantwortlich zu beachten.

Falls das vorliegende Dokument Differenzen zur aktuellen deutschen Version (Artikel Nr. K1214223) aufweist, gilt in jedem Fall der deutsche Originaltext in der jeweils geltenden Fassung im Jansen Docu Center.

Alle Ausführungen dieser Dokumentation haben wir sorgfältig und nach bestem Wissen zusammengestellt. Wir können aber keine Verantwortung für die Benutzung der vermittelten Vorschläge und Daten übernehmen. Wir behalten uns technische Änderungen ohne Vorankündigung vor.

Les données de planification graphiques, comme les exemples d'application, détails de construction et raccordements au bâtiment, fournies dans notre documentation physique et numérique sont des représentations schématiques. Il en va de même pour les médias numériques comme les fichiers CAD ou modèles BIM.

Leur but est de faciliter la planification et réalisation d'un projet par les constructeurs métalliques et/ou concepteurs. Concrètement, elles doivent être vérifiées par le constructeur métallique et/ou le concepteur et, le cas échéant, modifiées de son propre chef pour s'assurer qu'elles concordent avec le projet concerné et qu'elles répondent aux exigences techniques spécifiques ainsi qu'aux dispositions légales et réglementaires.

Lors de la vérification, de la planification spécifique et de la mise en œuvre, il y a lieu de tenir compte des conditions spécifiques à l'objet (matériaux du bâtiment, dimension de l'élément d'insert, couleur, exposition, effet de charge, etc.) ainsi que de l'état actuel de la technique, y compris toutes les normes et directives techniques applicables.

En cas de divergence entre le présent document et la version allemande (no d'article K1214223), c'est dans tous les cas le texte original allemand qui prévaut dans sa version actuelle disponible dans le Jansen Docu Center.

Nous avons apporté le plus grand soin à l'élaboration de cette documentation. Cependant, nous déclinons toute responsabilité pour l'utilisation faite de nos propositions et de nos données.

Nous nous réservons le droit de procéder à des modifications techniques sans préavis.

Graphical planning data such as application examples, construction details, connections on site that are contained in our physical or electronic documentation components are schematic representations. The same applies to digital media such as CAD files or BIM models.

They are intended to support the metal worker and/or design engineer in planning and executing projects. In the specific case of application they are to be checked by the metal worker and/or design engineer in terms of their usability in the specific project concerned with regard to legal/regulatory and technical property-specific requirements and adjusted if necessary at the latter's own responsibility.

The property-specific underlying conditions (construction material, dimensions of installation element, colour, exposure, load effect etc.) and current state of the art including all applicable norms and technical guidelines are to be taken into consideration at the metal worker and/or design engineer's own responsibility during the review, specific planning and implementation.

If there are any differences between this document and the current German version (item number K1214223), the latest version of the original German text in the Jansen Docu Center shall prevail.

All the information contained in this documentation is given to the best of our knowledge and ability. However, we decline all responsibility for the use made of these suggestions and data.

We reserve the right to effect technical modifications without prior warning.

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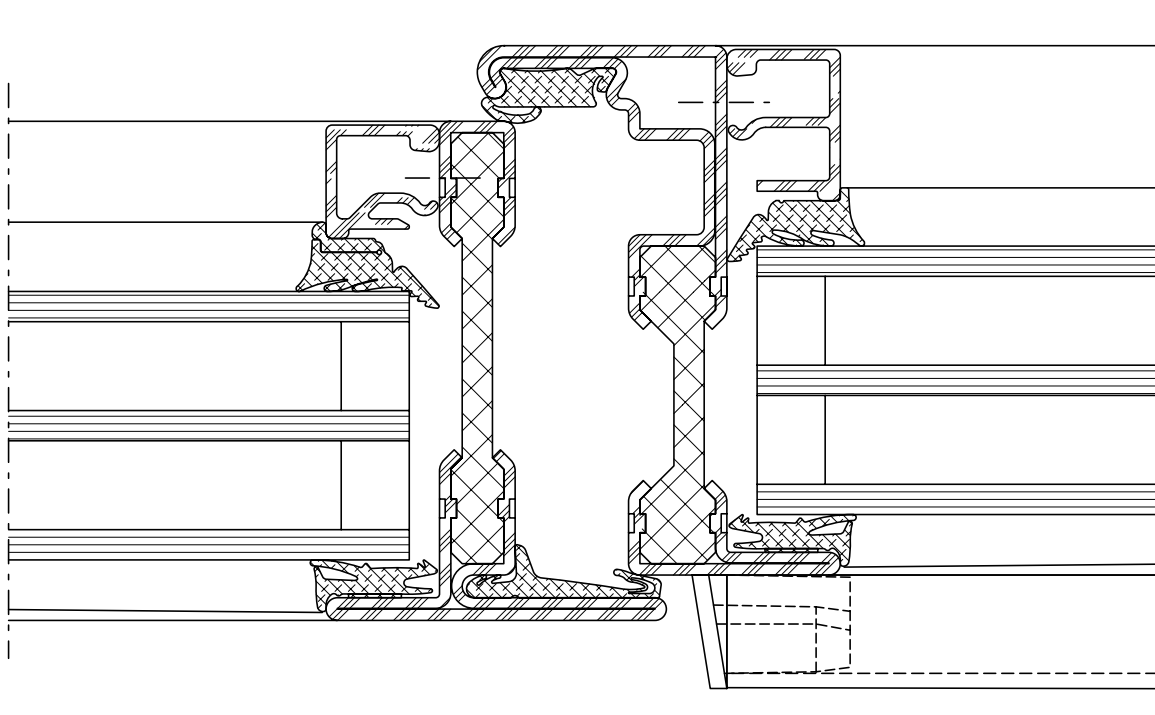
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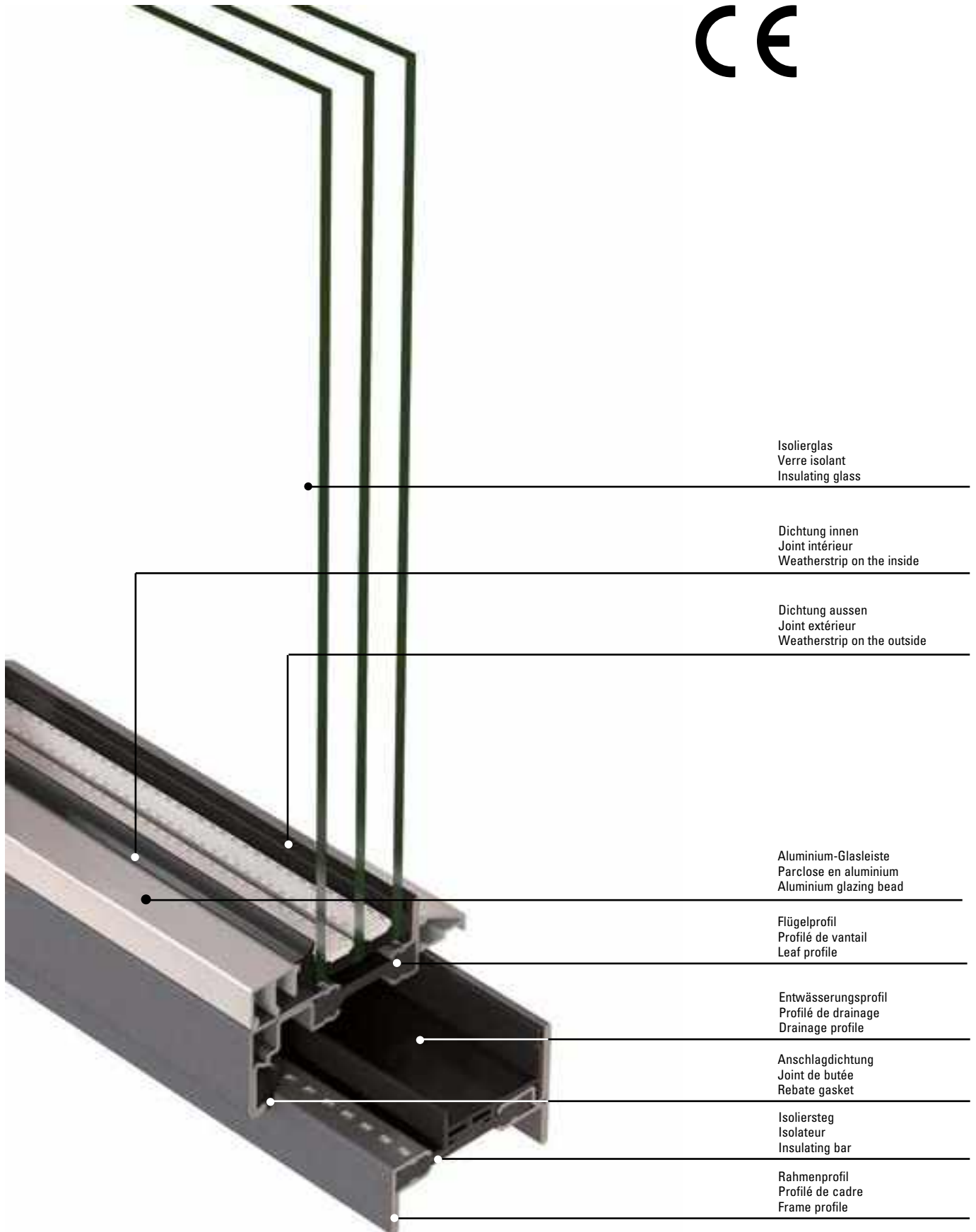
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**Merkmale**  
**Caractéristiques**  
**Characteristics**

Janisol Arte 66  
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- Wärmegeädämmtes Stahlsystem für Fenster und Festverglasungen
- Bautiefe 60/66 mm, Fensterflügel 70 mm
- Schmale Ansichtsbreiten:  
Fensterprossen 40 mm  
Rahmen inkl. Flügel ab 53 mm  
Stulppartie 76 mm
- Ein- und zweiflüglige Dreh- und Drehkippenfenster und Kippenfenster nach innen öffnend
- Dreh- und Drekippen-Fensterflügel bis 2300 mm Höhe
- Flügelgewichte bis 180 kg
- Füllelementstärken von 15 bis 44 mm, Glaseinbau mittels Trocken- oder Nassverglasung
- Systemprüfungen nach Produktnorm EN 14351-1
- Profil-Verbundtechnik nach EN 14024 und DIN 18056 geprüft
- Geeignet für Pulver- und Nasslackbeschichtungen
- Oberfläche ZF 100 für ein optimiertes Schweißverhalten
- Système en acier à rupture de pont thermique pour fenêtres et vitrages fixes
- Profondeur de montage 60/66 mm, vantail de fenêtre 70 mm
- Fines largeurs de face:  
Meneau de fenêtre 40 mm  
Cadre avec vantail à partir de 53 mm  
Partie tête 76 mm
- Fenêtres ouvrant à la française et oscillo-battantes à un et deux vantaux et fenêtres à soufflet à ouverture vers l'intérieur
- Vantaux à la française et oscillo-battants jusqu'à 2300 mm hauteur
- Poids de vantail jusqu'à 180 kg
- Éléments de remplissage de 15 à 44 mm d'épaisseur, montage du vitrage à sec ou au silicone
- Contrôles des systèmes selon la norme produit EN 14351-1
- Technique d'assemblage de profilés contrôlée selon EN 14024 et DIN 18056
- Convient aux revêtements par poudre ou peinture liquide
- Surface ZF 100 pour un comportement au soudage optimisé
- Thermally insulated steel system for windows and fixed glazing
- Basic depth 60/66 mm, window vent 70 mm
- Narrow face widths:  
Window sash bars 40 mm  
Frame including vent from 53 mm  
Double vent assembly 76 mm
- Single and double-vent side-hung and turn/tilt windows and bottom-hung windows, inward-opening
- Side-hung and turn/tilt window vents up to 2300 mm height
- Vent weights up to 180 kg
- Infill unit thicknesses from 15 to 44 mm, glazing installed by means of dry or wet glazing
- System tests in accordance with the product standard EN 14351-1
- Profile bonding technology tested in accordance with EN 14024 and DIN 18056
- Suitable for powder and wet paint coating
- ZF 100 surface finish for optimised welding characteristics





Norm	Eigenschaft Caractéristique Characteristic	Klassifizierung / Wert Classification / Valeur Classification / Value														
		npd	C1 (400)	C2 (800)	C3 (1200)	C4 (1600)	C5 (2000)	1A (0)	2A (50)	3A (100)	4A (150)	5A (200)	6A (250)	7A (300)	8A (450)	9A (600)
 EN 12210	<b>Widerstandsfähigkeit bei Windlast</b> <b>Résistance à la pression du vent</b> <b>Resistance to wind load</b>	npd	C1 (400)	C2 (800)	C3 (1200)	C4 (1600)	C5 (2000)									
 EN 12208	<b>Schlagregendichtheit</b> <b>Étanchéité à la pluie battante</b> <b>Watertightness</b>	npd	1A (0)	2A (50)	3A (100)	4A (150)	5A (200)	6A (250)	7A (300)	8A (450)	9A (600)	Exxx (>750)				
 EN ISO 10140	<b>Schalldämmung</b> $R_w$ ( $C$ , $C_{tr}$ ) (dB) <b>Isolation phonique</b> $R_w$ ( $C$ , $C_{tr}$ ) (dB) <b>Sound insulation</b> $R_w$ ( $C$ , $C_{tr}$ ) (dB)	npd	bis $R_w$ 47 dB (-2; -7) jusqu'à $R_w$ 47 dB (-2; -7) up to $R_w$ 47 dB (-2; -7)													
 EN ISO 10077-2	<b>Wärmedurchgangskoeffizient</b> $U_f$ (W/(m <sup>2</sup> ·K)) <b>Transmission thermique</b> $U_f$ (W/(m <sup>2</sup> ·K)) <b>Thermal production</b> $U_f$ (W/(m <sup>2</sup> ·K))	npd	ab 1,6 W/m <sup>2</sup> ·K à partir de 1,6 W/m <sup>2</sup> ·K from 1,6 W/m <sup>2</sup> ·K													
 EN 12207	<b>Luftdurchlässigkeit</b> <b>Perméabilité à l'air</b> <b>Air permeability</b>	npd	1 (150)	2 (300)	3 (600)	4 (600)										
 EN 14351-1	<b>Tragfähigkeit von Sicherheitsvorrichtungen</b> <b>Capacité portante des dispositifs de sécurité</b> <b>Load-bearing capacity of safety devices</b>	npd	Anforderung erfüllt Exigence remplie Requirement satisfied													
 EN 13115	<b>Mechanische Festigkeit</b> <b>Résistance mécanique</b> <b>Mechanical strength</b>	npd	1	2	3	4										
 EN 13115	<b>Bedienkräfte</b> <b>Forces de manœuvre</b> <b>Operating forces</b>	npd	0	1	2											
 EN 13049	<b>Stoßfestigkeit</b> <b>Résistance aux chocs</b> <b>Impact resistance</b>	npd	1	2	3	4	5									
 EN 14024	<b>Metallprofile mit thermischer Trennung</b> <b>Profils en métal. avec rupture de pont thermique</b> <b>Metal profiles with thermal barrier</b>	CW / TC2 / A														
 DIN 18008-4	<b>Vorgefertigte absturzsichernde Verglasung</b> <b>Vitrage anti-chutes préfabriqué</b> <b>Prefabricated glazing suitable for safety barrier loading</b>	Anhang D.1.2 erfüllt Annexe D.1.2 satisfaite Appendix D.1.2 fulfilled														

npd = keine Leistung festgestellt  
(no performance determined)

npd = aucune performance  
déterminée  
(no performance determined)

npd = no performance determined

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Sie können die Zeichnungen in den Formaten DXF und/oder DWG herunterladen. Klicken Sie auf das entsprechende Icon und der Download erfolgt.

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Gerne beraten wir Sie persönlich und stehen Ihnen bei Fragen zur Verfügung. Bitte schreiben Sie uns Ihre Anliegen an: [info@jansen.com](mailto:info@jansen.com)

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Les indications «Bibliothèque des articles/Ferures de porte/Ferrures de fenêtres» signifie que vous téléchargez la totalité de la bibliothèque des articles du système donné (profilés, ferrures, parclozes, accessoires etc.).

## Info et conseils

Nous vous conseillerons volontiers individuellement et sommes à votre disposition si vous avez des questions à poser. Veuillez nous envoyer votre requête à: [info@jansen.com](mailto:info@jansen.com)

## Download CAD files

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You can download the drawings in DXF and/or DWG format. Click on the relevant icon to begin the download.

The items «Article library/Door fittings/Window fittings» means that you download the entire article library for the corresponding system with one click (profiles, fittings, glazing beads, accessories etc.).

## Information and advice

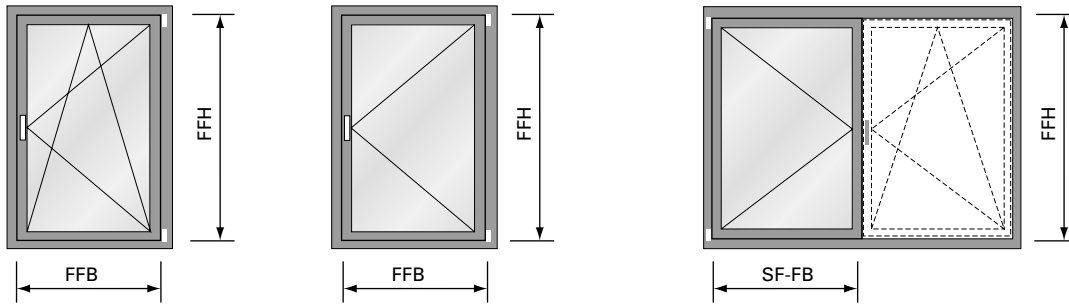
We would be delighted to provide you with advice in person and are available to answer any questions you may have. Please write to us with your queries at: [info@jansen.com](mailto:info@jansen.com)

**Technische Daten****Caractéristiques techniques****Technical data**

Janisol Arte 66

Janisol Arte 66

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*Flügelgrößen**Drehkipp-, Drehfenster und Stulpfenster:*

Max.	FFH = 2300 mm
	FFB = 1400 mm
Min.	FFH = 470 mm
	FFB = 480 mm

Max. Gewicht:	180 kg
FFB/FFH:	≤ 2
max. Fläche:	2,3 m <sup>2</sup>

*Grandeurs du vantail**fenêtre oscillo-battante, à la française et fenêtré à deux vantaux:*

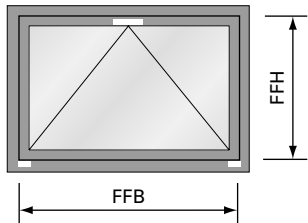
Max.	FFH = 2300 mm
	FFB = 1400 mm
Min.	FFH = 470 mm
	FFB = 480 mm

Poids max.:	180 kg
FFB/FFH:	≤ 2
Surface max:	2,3 m <sup>2</sup>

*Size of vents**turn/tilt, side-hung and double-vent windows:*

Max.	FFH = 2300 mm
	FFB = 1400 mm
Min.	FFH = 470 mm
	FFB = 480 mm

Max. weight:	180 kg
FFB/FFH:	≤ 2
max. surface:	2,3 m <sup>2</sup>

*Flügelgröße**Kipp-Fenster:*

Max.	FFH = 2300 mm
	FFB = 2300 mm
Min.	FFH = 600 mm
	FFB = 445 mm

Max. Gewicht:	80 kg
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*Grandeur du vantail**fenêtré à soufflet:*

Max.	FFH = 2300 mm
	FFB = 2300 mm
Min.	FFH = 600 mm
	FFB = 445 mm

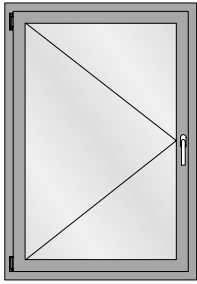
Poids max.:	80 kg
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*Size of vent**bottom-hung window:*

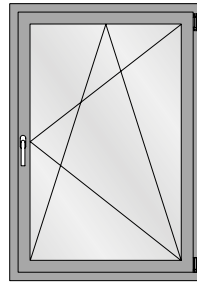
Max.	FFH = 2300 mm
	FFB = 2300 mm
Min.	FFH = 600 mm
	FFB = 445 mm

Max. weight:	80 kg
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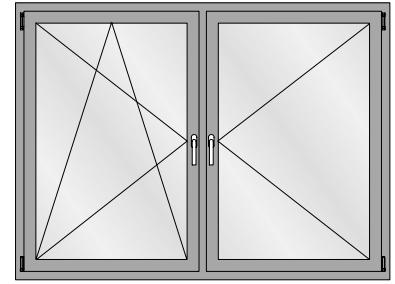




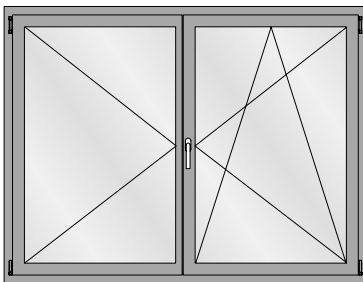
Drehflügel  
Fenêtre à la française  
Side-hung window



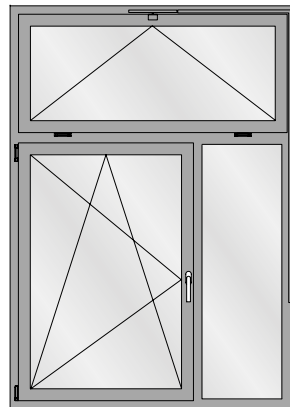
Drehkipp-Flügel  
Vantail oscillo-battant  
Turn/tilt window



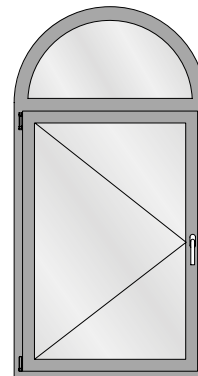
Drehkipp/Drehflügel (mit Pfosten)  
Vantail oscillo-battant/fenêtre à la française  
(avec montant)  
Side-hung/turn/tilt window (with mullion)



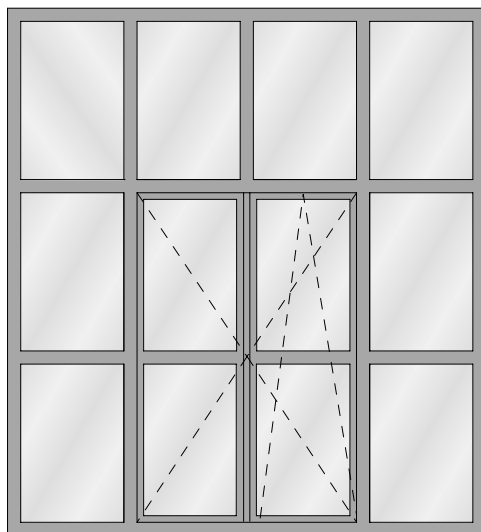
Stulpfenster  
Fenêtre à deux vantaux  
Double leaf window



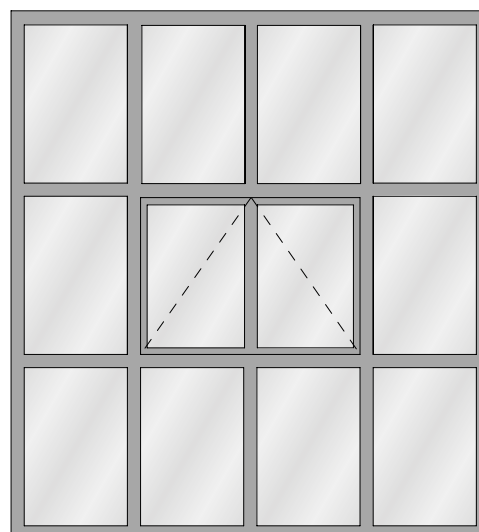
Fenster Drehkipp mit Oberlicht  
Vantail oscillo-battant avec imposte  
Window, turn/tilt with top light



Einflügeliges Fenster mit Rundbogen-Oberlicht  
Fenêtre à la française avec imposte demi-rond  
Side hung window with round arched top light

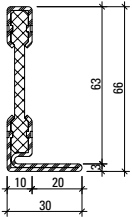


Drehkipp-Flügel mit Festverglasung  
Vantail oscillo-battant avec vitrage fixe et imposte  
Turn/tilt window with fixed lights and top lights



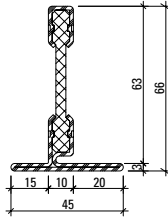
Kippfenster  
Fenêtre à soufflet  
Bottom-hung window

**Profile mit Lappen 20 mm**  
**(Rahmen Drehkipp-Fenster)**

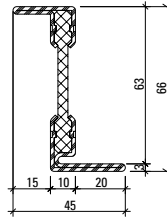


**601.630 Z**  
**601.630.09**

**Profilés avec battue 20 mm**  
**(cadre fenêtre oscillo-battante)**

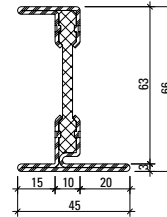


**602.630 Z**  
**602.630.09**

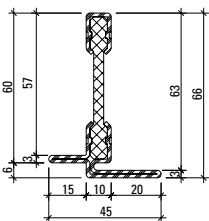


**603.630 Z**  
**603.630.09**

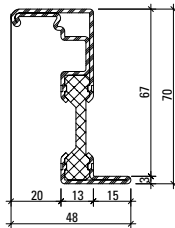
**Profiles with lips, 20 mm**  
**(turn/tilt window frame)**



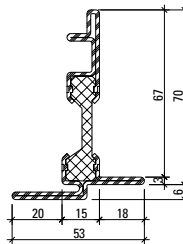
**605.630 Z**  
**605.630.09**



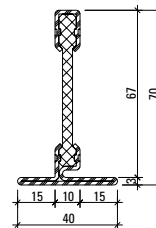
**602.631 Z**  
**602.631.09**



**610.900 Z**  
**610.900.09**

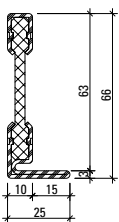


**610.901 Z**  
**610.901.09**

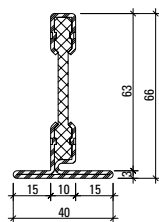


**602.611.7 Z**  
**602.611.79**

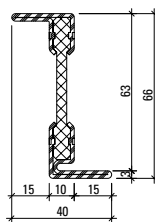
**Profile mit Lappen 15 mm**  
**(Festverglasungen)**



**601.612 Z**

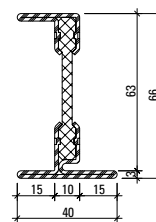


**602.613 Z**



**603.612 Z**  
**603.612.01**  
**603.612.09**

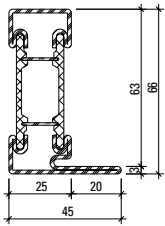
**Profiles with lips 15 mm**  
**(Fixed glazings)**



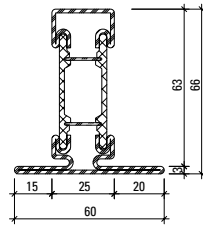
**605.612 Z**

Profil-Nr.	G kg/m	I <sub>x</sub> cm <sup>4</sup>	W <sub>x</sub> cm <sup>3</sup>	I <sub>y</sub> cm <sup>4</sup>	W <sub>y</sub> cm <sup>3</sup>	U m <sup>2</sup> /m
<b>601.630 Z</b>	2,276	9,63	2,12	1,37	0,65	0,214
<b>602.630 Z</b>	2,615	10,65	2,20	2,42	1,02	0,243
<b>603.630 Z</b>	2,619	14,84	3,93	2,42	1,02	0,243
<b>605.630 Z</b>	2,958	16,83	4,05	3,19	1,24	0,272
<b>602.631 Z</b>	2,609	10,11	2,14	2,41	1,01	0,242
<b>602.611.7 Z</b>	2,353	11,85	2,35	1,68	0,84	0,241

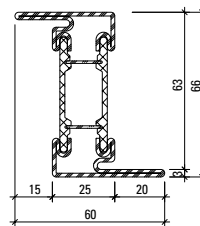
Profil-Nr.	G kg/m	I <sub>x</sub> cm <sup>4</sup>	W <sub>x</sub> cm <sup>3</sup>	I <sub>y</sub> cm <sup>4</sup>	W <sub>y</sub> cm <sup>3</sup>	U m <sup>2</sup> /m
<b>601.612 Z</b>	2,159	9,23	2,12	0,83	0,48	0,204
<b>602.613 Z</b>	2,497	10,41	2,20	1,71	0,85	0,233
<b>603.612 Z</b>	2,502	13,98	3,87	1,71	0,85	0,234
<b>605.612 Z</b>	2,840	16,21	4,02	2,35	1,07	0,262
<b>610.900 Z</b>	3,048					0,272
<b>610.901 Z</b>	3,410					0,298



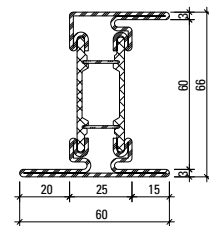
**601.632 Z**



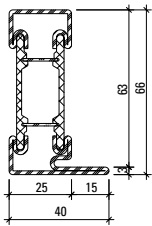
**602.632 Z**



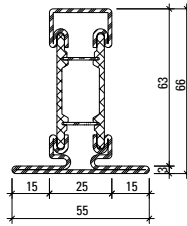
**603.632 Z**



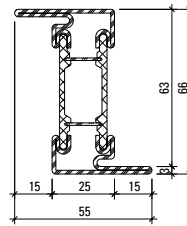
**605.632 Z**



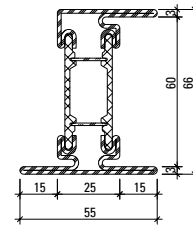
**601.645 Z**



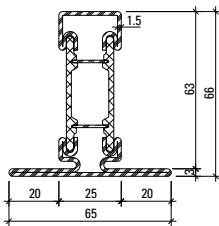
**602.645 Z**



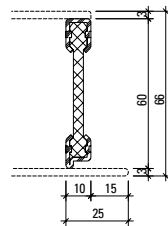
**603.645 Z**



**605.645 Z**



**602.633 Z**



**600.612 Z**

**Oberfläche/Werkstoff**

Artikel-Nr.

**mit Z** = bandverzinkter Stahl

**Werkstoff 1.4401 (AISI 316)**

mit 01 = blank

mit 03 = geschliffen, Korn 220-240

**Werkstoff**

mit x9 = Stahl KB DOCOL 355W (Corten)

Edelstahl geschliffen auf Anfrage

**Surface/Matériau**

No. d'article

**avec Z** = bande d'acier zinguée

**Matériau 1.4401 (AISI 316)**

avec 01 = brut

avec 03 = polies, grain 220-240

**Matériau**

avec x9 = acier KB DOCOL 355W (Corten)

Acier Inox polie sur demande

**Surface/Material**

Part no.

**with Z** = strip galvanised steel

**Material 1.4401 (AISI 316)**

with 01 = bright

with 03 = polished, grain 220-240

**Material**

with x9 = steel KB DOCOL 355W (Corten)

Stainless steel polished on request

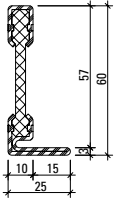
Profil-Nr.	G kg/m	Ix cm <sup>4</sup>	Wx cm <sup>3</sup>	Iy cm <sup>4</sup>	Wy cm <sup>3</sup>	U m <sup>2</sup> /m
<b>601.632 Z</b>	3,217	16,98	4,21	4,70	1,67	0,249
<b>601.645 Z</b>	3,100	16,29	4,16	3,70	1,52	0,239
<b>602.632 Z</b>	3,701	19,13	4,34	7,15	2,28	0,290
<b>602.645 Z</b>	3,584	18,63	4,31	5,88	2,14	0,280
<b>603.632 Z</b>	3,700	22,63	6,61	7,16	2,28	0,290

Profil-Nr.	G kg/m	Ix cm <sup>4</sup>	Wx cm <sup>3</sup>	Iy cm <sup>4</sup>	Wy cm <sup>3</sup>	U m <sup>2</sup> /m
<b>603.645 Z</b>	3,583	21,56	6,53	5,88	2,14	0,280
<b>605.632 Z</b>	4,184	26,12	6,83	9,02	2,68	0,331
<b>605.645 Z</b>	4,067	25,31	6,78	7,54	2,53	0,321
<b>602.633 Z</b>	3,819	19,58	4,37	8,53	2,62	0,300
<b>600.612 Z</b>	1,292	4,39	1,44	0,14	0,26	0,150

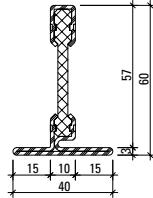
**Profile Janisol Arte 2.0**  
**(Lappen 15 mm)**

**Profilés Janisol Arte 2.0**  
**(Lappen 15 mm)**

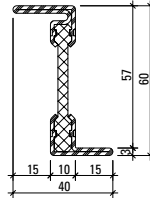
**Profiles Janisol Arte 2.0**  
**(Lappen 15 mm)**



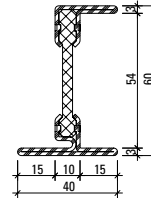
**601.611 Z**  
**601.611.01**  
**601.611.09**



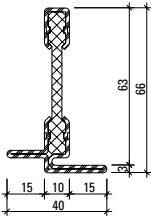
**602.611 Z**  
**602.611.01**  
**602.611.09**



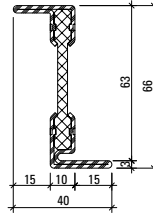
**603.611 Z**  
**603.611.01**  
**603.611.09**



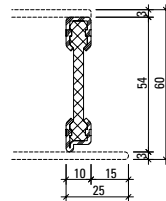
**605.611 Z**  
**605.611.01**  
**605.611.09**



**602.612 Z**  
**602.612.01**  
**602.612.09**



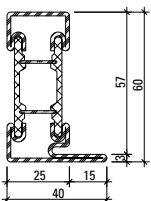
**603.612 Z**  
**603.612.01**  
**603.612.09**



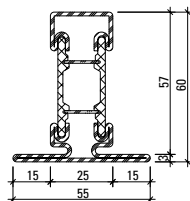
**600.609 Z**

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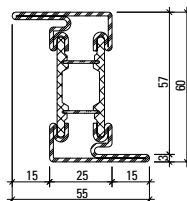
**DXF** **DWG**



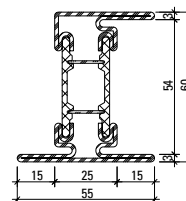
**601.615 Z**  
**601.615.09**



**602.615 Z**  
**602.615.01**  
**602.615.09**



**603.615 Z**  
**603.615.09**



**605.615 Z**  
**605.615.09**

**Stirnseitige Kennzeichnung**  
 Edelstahl (01) = Blau  
 Corten (09) = Grün

**Marquage en face avant**  
 Acier inox (01) = Bleu  
 Corten (09) = Vert

**Labelling on the front**  
 Stainless steel (01) = Blue  
 Corten (09) = Green

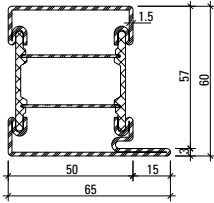
Profil-Nr.	G kg/m	I <sub>x</sub> cm <sup>4</sup>	W <sub>x</sub> cm <sup>3</sup>	I <sub>y</sub> cm <sup>4</sup>	W <sub>y</sub> cm <sup>3</sup>	U m <sup>2</sup> /m
<b>601.611 Z</b>	1,930	7,31	1,85	0,78	0,46	0,192
<b>602.611 Z</b>	2,269	11,85	2,35	1,68	0,84	0,241
<b>603.611 Z</b>	2,273	11,13	3,47	1,68	0,84	0,222
<b>605.611 Z</b>	2,612	13,04	3,60	2,31	1,05	0,251
<b>602.612 Z</b>	2,491	9,75	2,11	1,71	0,85	0,232
<b>603.612 Z</b>	2,502	13,98	3,87	1,71	0,85	0,234

Profil-Nr.	G kg/m	I <sub>x</sub> cm <sup>4</sup>	W <sub>x</sub> cm <sup>3</sup>	I <sub>y</sub> cm <sup>4</sup>	W <sub>y</sub> cm <sup>3</sup>	U m <sup>2</sup> /m
<b>600.609 Z</b>	1,242	3,39	1,23	0,14	0,26	0,138
<b>601.615 Z</b>	3,020	12,93	3,64	3,70	1,52	0,227
<b>602.615 Z</b>	3,516	14,85	3,79	5,88	2,14	0,268
<b>603.615 Z</b>	3,515	17,23	5,74	5,88	2,14	0,268
<b>605.615 Z</b>	3,999	20,27	5,97	7,53	2,53	0,309

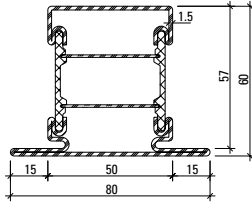
**Profile Janisol Arte 2.0**  
**(Lappen 15 mm)**

**Profils Janisol Arte 2.0**  
**(Lappen 15 mm)**

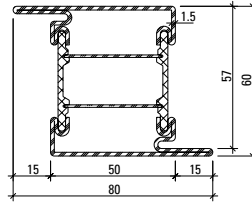
**Profiles Janisol Arte 2.0**  
**(Lappen 15 mm)**



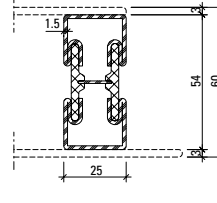
**601.616 Z**



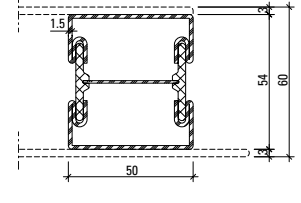
**602.616 Z**



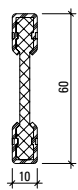
**603.616 Z**



**600.008 Z**



**600.007 Z**



**600.610 Z**

Oberfläche/Werkstoff	
Artikel-Nr.	
<b>mit Z</b>	= bandverzinkter Stahl
<b>Werkstoff 1.4401 (AISI 316)</b>	
mit 01	= blank
mit 03	= geschliffen, Korn 220-240
<b>Werkstoff</b>	
mit 09	= Stahl KB DOCOL 355W (Corten)
Edelstahl geschliffen auf Anfrage	

Surface/Matériau	
No. d'article	
<b>avec Z</b>	= bande d'acier zinguée
<b>Matériau 1.4401 (AISI 316)</b>	
avec 01	= brut
avec 03	= polies, grain 220-240
<b>Matériau</b>	
avec 09	= acier KB DOCOL 355W (Corten)
Acier Inox polie sur demande	

Surface/Material	
Part no.	
<b>with Z</b>	= strip galvanised steel
<b>Material 1.4401 (AISI 316)</b>	
with 01	= bright
with 03	= polished, grain 220-240
<b>Material</b>	
with 09	= steel KB DOCOL 355W (Corten)
Stainless steel polished on request	

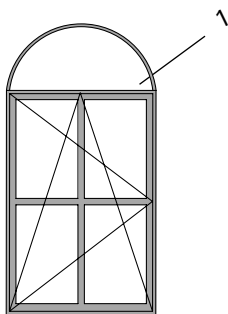
Profil-Nr.	G kg/m	Ix cm <sup>4</sup>	Wx cm <sup>3</sup>	Iy cm <sup>4</sup>	Wy cm <sup>3</sup>	U m <sup>2</sup> /m
<b>601.616 Z</b>	3,746	17,89	5,20	16,30	4,60	0,295
<b>602.616 Z</b>	4,239	20,08	5,33	22,41	5,60	0,318
<b>603.616 Z</b>	4,219	22,02	7,34	22,38	5,59	0,318
<b>600.610 Z</b>	1,532	4,94	1,65	0,18	0,36	0,151
<b>600.008 Z</b>	2,826	8,12	2,82	2,57	5,06	0,170
<b>600.007 Z</b>	3,429	12,46	4,33	13,50	5,40	0,220

**Gewichte für  
 Edelstahlprofile  
 Poids pour profilés  
 en acier Inox  
 Weights for  
 stainless steel profiles**

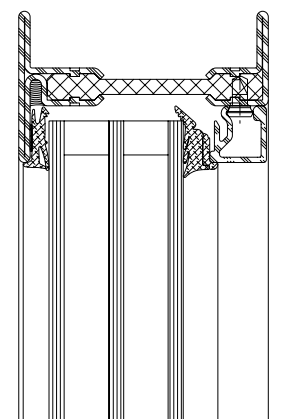
<b>601.611.01</b>	= 1,964 kg/m
<b>602.611.01</b>	= 2,311 kg/m
<b>603.611.01</b>	= 2,316 kg/m
<b>605.611.01</b>	= 2,663 kg/m
<b>602.612.01</b>	= 2,536 kg/m
<b>603.612.01</b>	= 2,548 kg/m
<b>602.615.01</b>	= 3,517 kg/m

**Bogenfenster**  
**Fenêtres cintrées**  
**Arched windows**

Janisol Arte 66  
 Janisol Arte 66  
 Janisol Arte 66



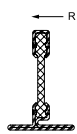
**1.0**



Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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601.612 Z	450 mm
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602.613 Z	450 mm
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Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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603.612 Z	450 mm
603.612.09	450 mm



605.612 Z	450 mm
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Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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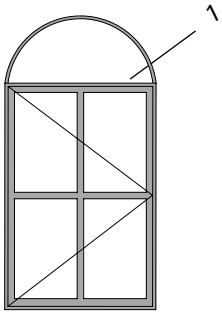
62.510 Z	300 mm
62.511 Z	300 mm
62.512 Z	300 mm



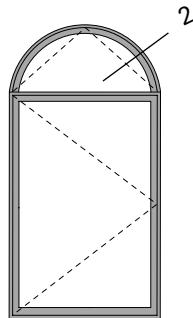
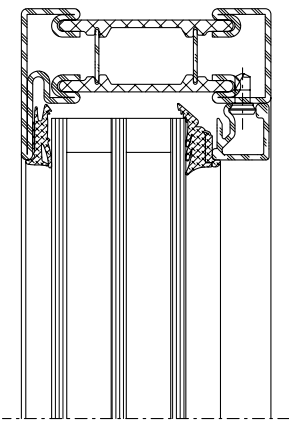
402.190 Z	300 mm
402.191 Z	300 mm
402.192 Z	300 mm



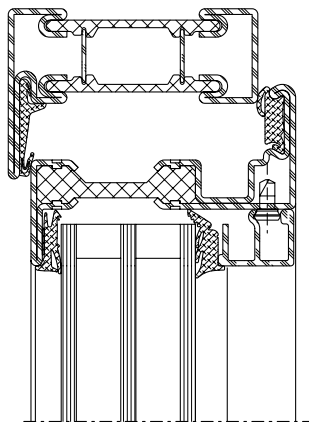
402.990	300 mm
402.991	300 mm
402.992	300 mm



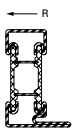
**1.0**



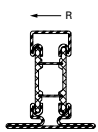
**2.0**



Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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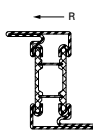


601.632 Z	600 mm
601.645 Z	600 mm

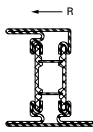


602.632 Z	600 mm
602.645 Z	600 mm
602.633 Z	600 mm

Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
------------------------------	---



603.632 Z	700 mm
603.645 Z	700 mm



605.632 Z	600 mm
605.645 Z	600 mm

Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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405.030	440 mm
405.031	440 mm
405.032	440 mm
405.033	440 mm

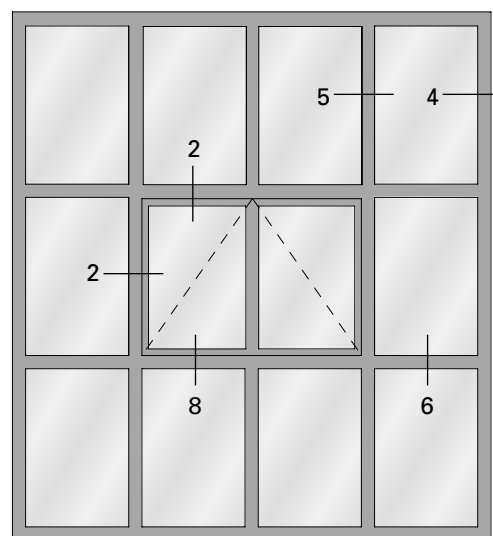
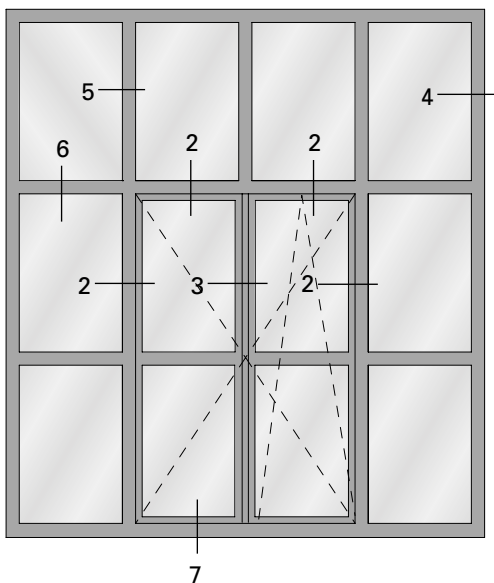
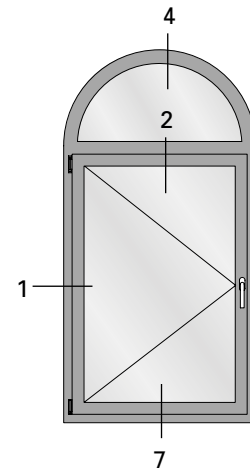
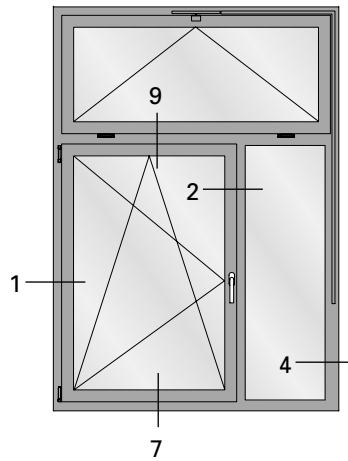
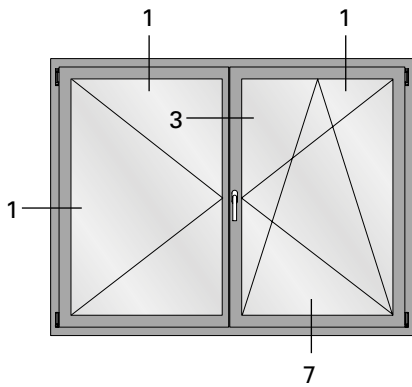
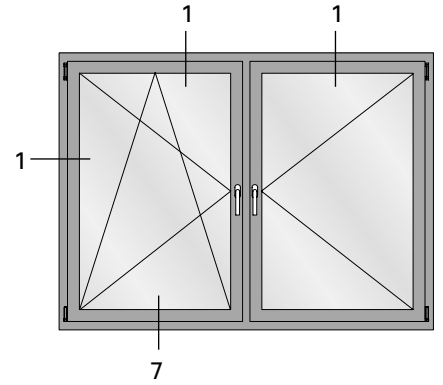
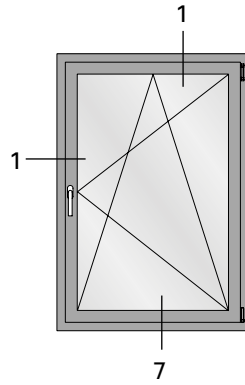
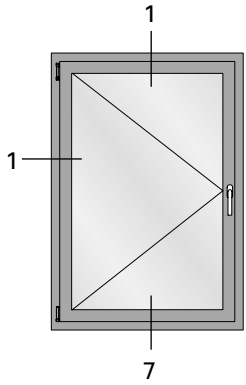
Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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406.930	300 mm
406.931	300 mm
406.932	300 mm

**Schnittpunkte nach innen öffnend**  
**Coupe de détails ouvrant vers l'intérieur**  
**Section details opening inwards**

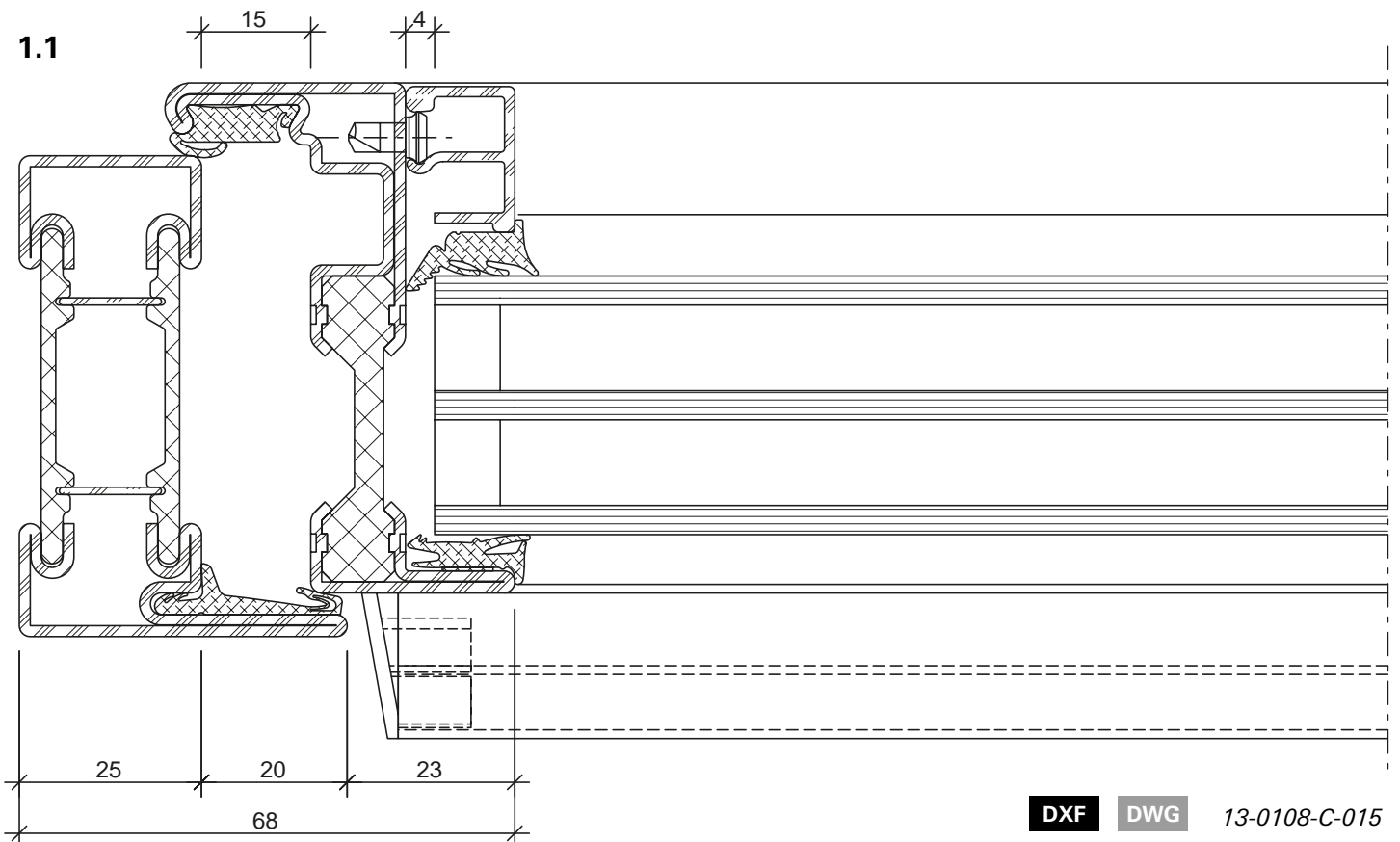
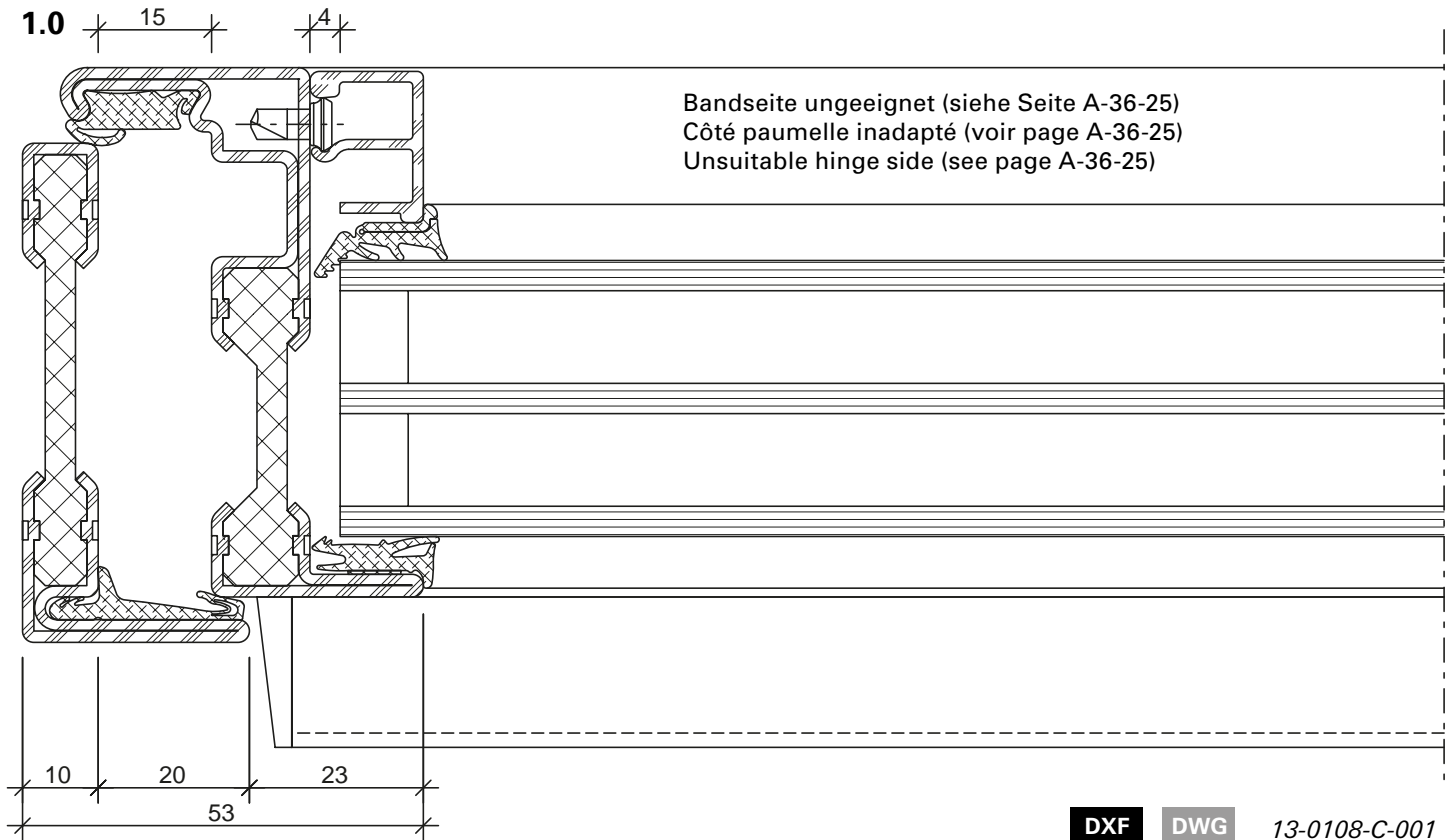
Janisol Arte 66  
 Janisol Arte 66  
 Janisol Arte 66





**Schnittpunkte nach innen öffnend im Massstab 1:1**  
**Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1**  
**Section details opening inwards on scale 1:1**

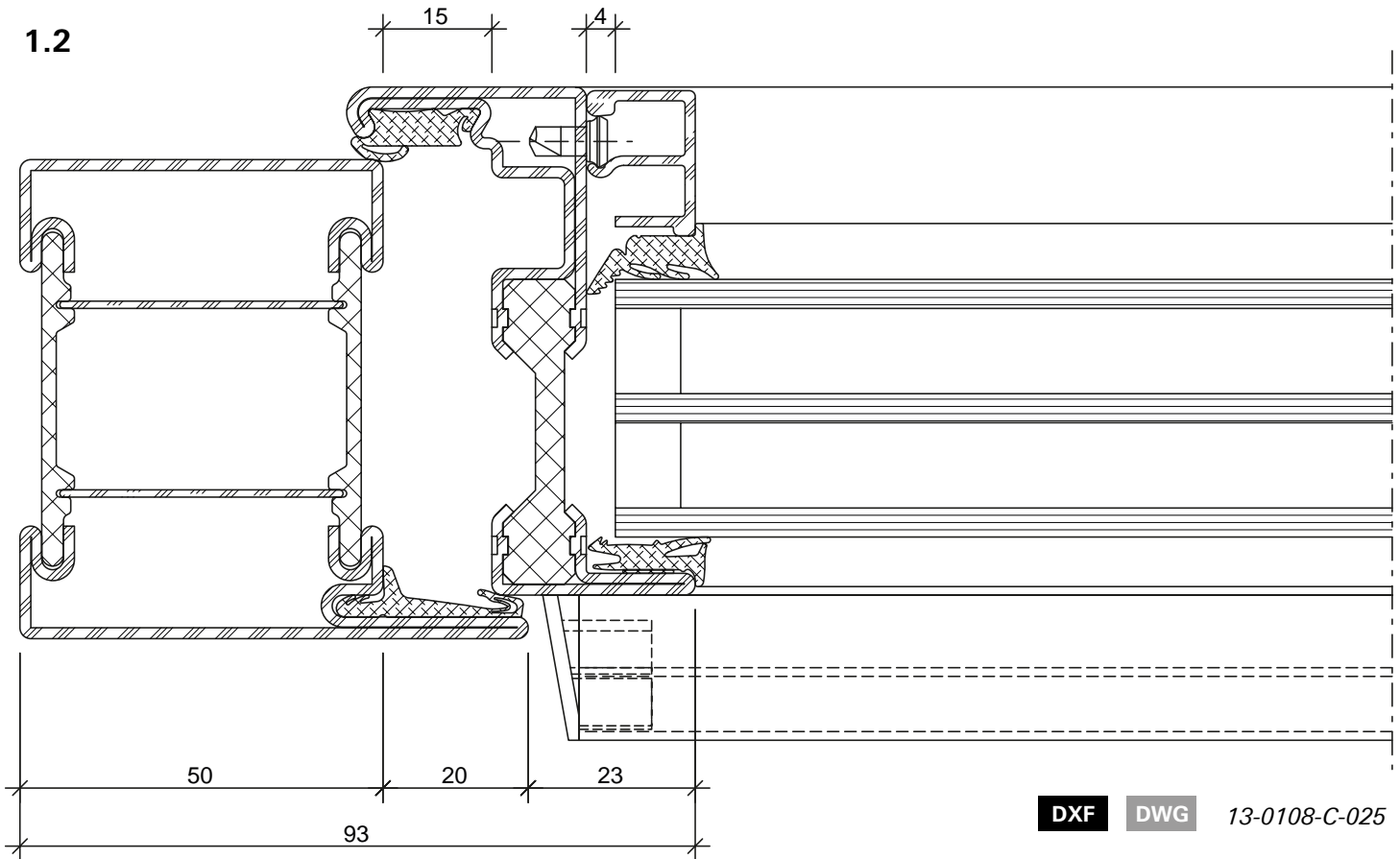
Janisol Arte 66  
Janisol Arte 66  
Janisol Arte 66



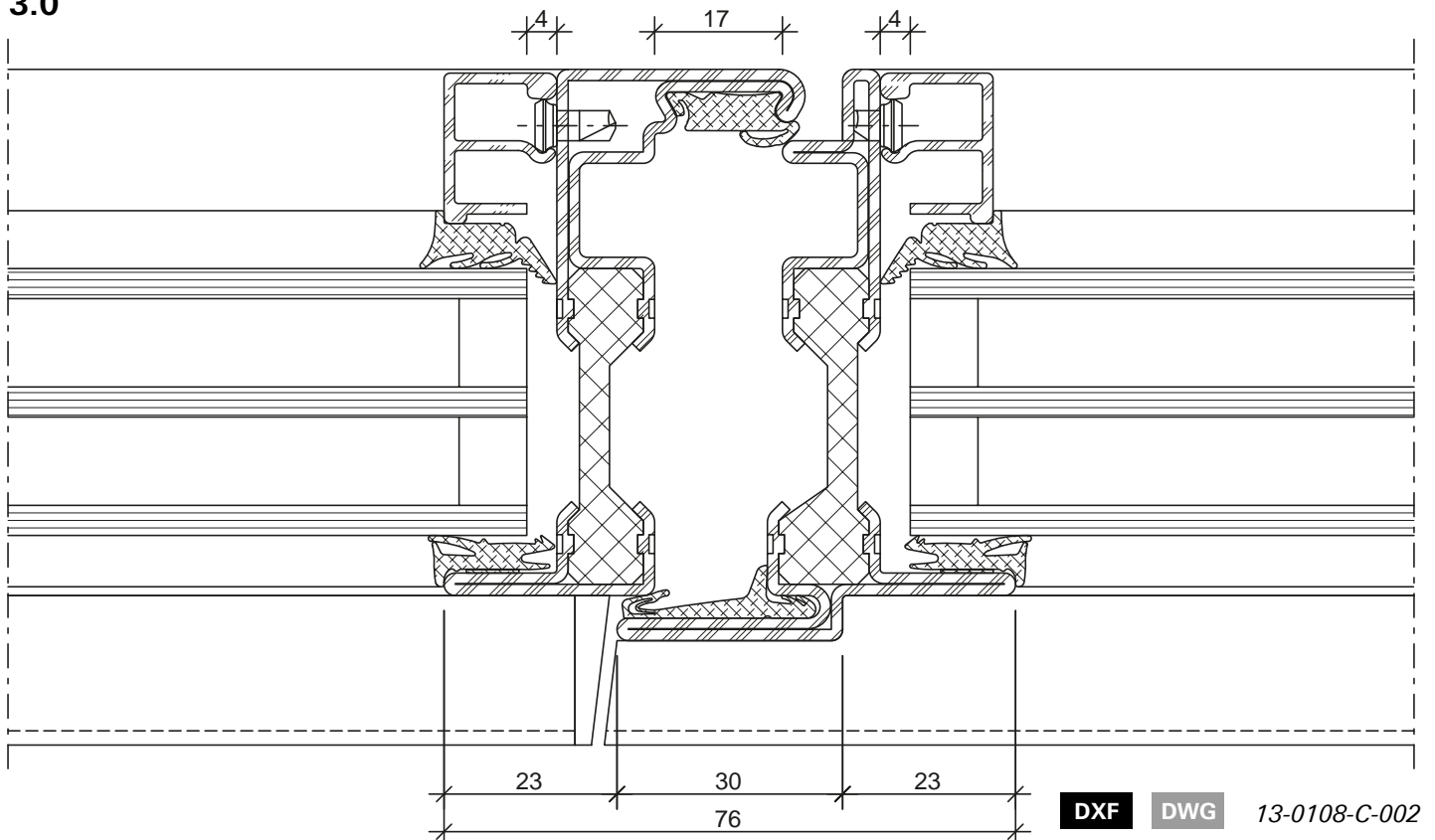
Schnittpunkte nach innen öffnend im Massstab 1:1  
Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1  
Section details opening inwards on scale 1:1

Janisol Arte 66  
Janisol Arte 66  
Janisol Arte 66

1.2



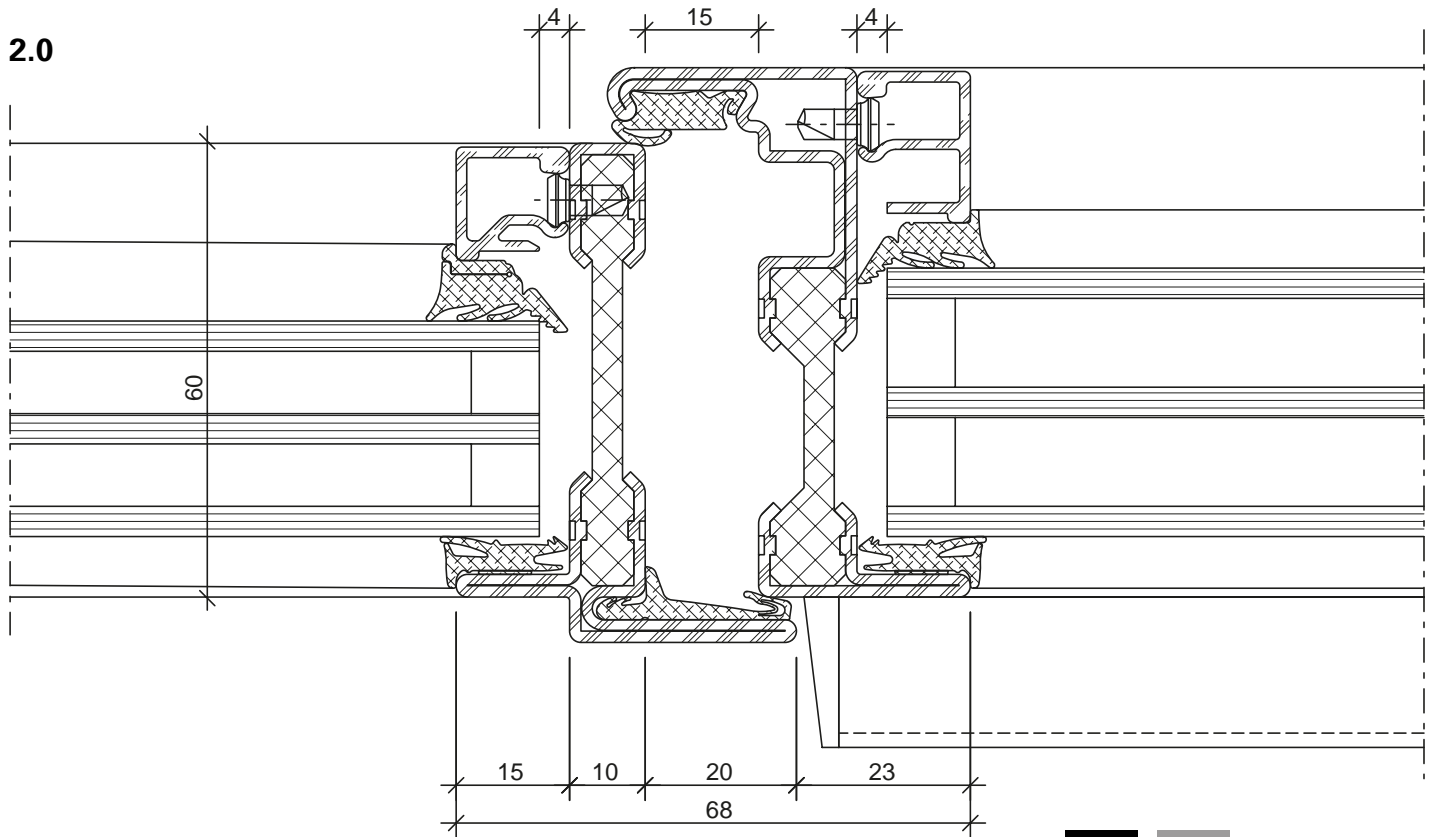
3.0



Schnittpunkte nach innen öffnend im Massstab 1:1  
Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1  
Section details opening inwards on scale 1:1

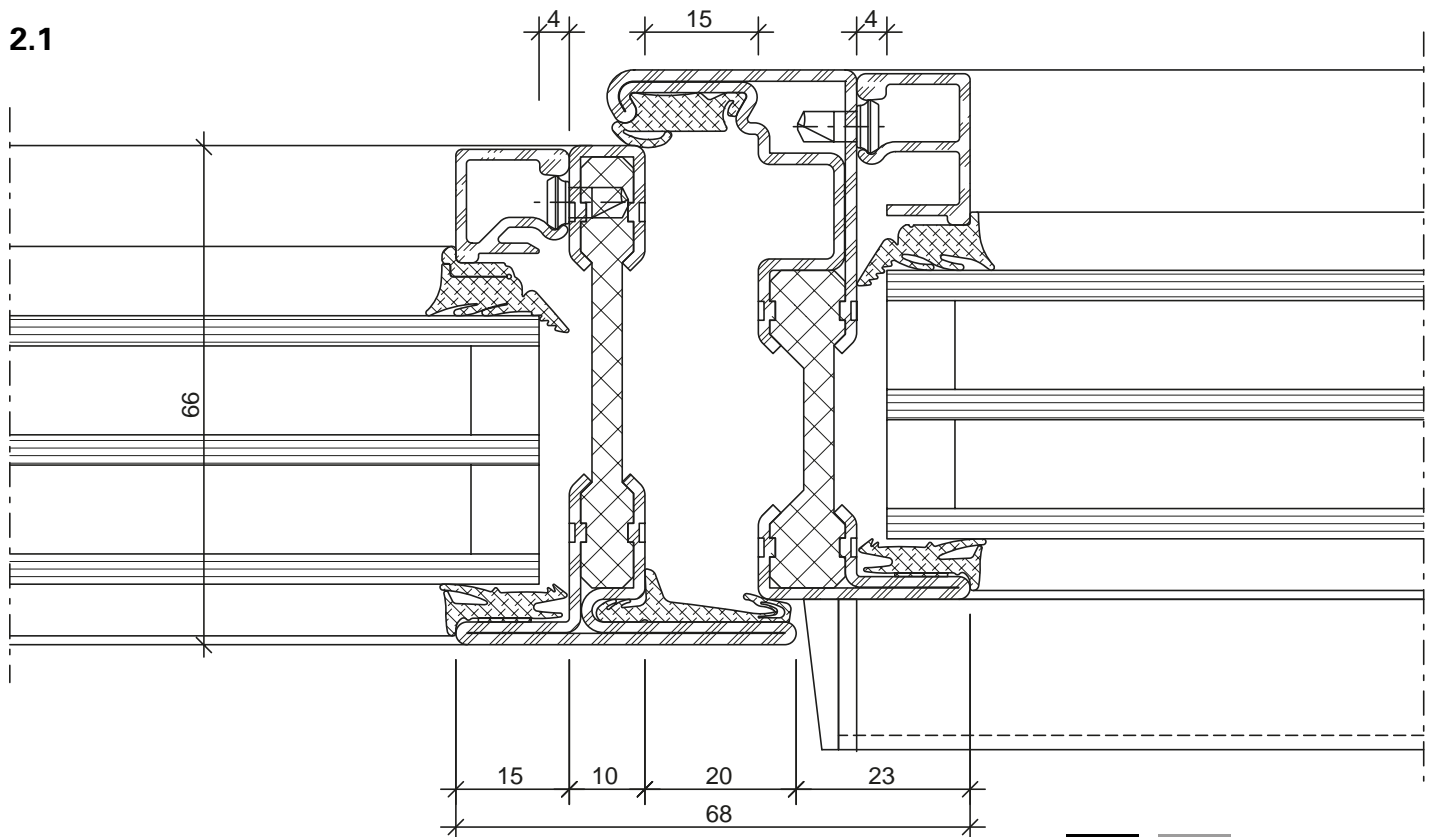
Janisol Arte 66  
Janisol Arte 66  
Janisol Arte 66

2.0



**DXF** **DWG** 13-0108-C-003

2.1

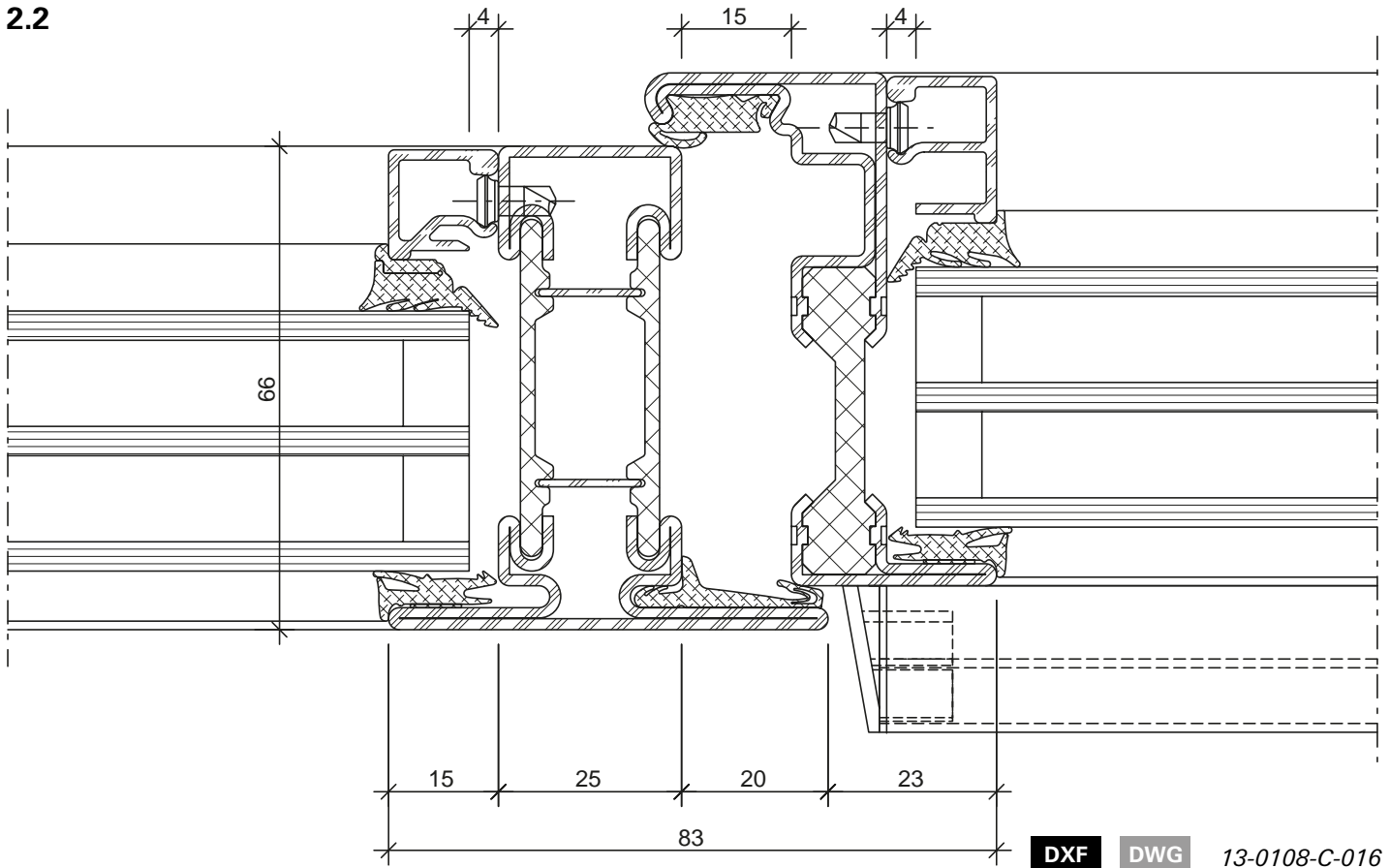


**DXF** **DWG** 13-0108-C-004

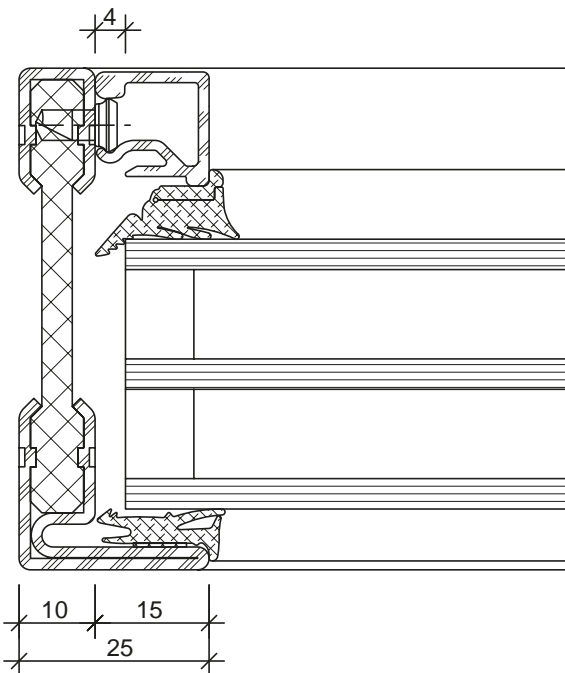
Schnittpunkte nach innen öffnend im Massstab 1:1  
 Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1  
 Section details opening inwards on scale 1:1

Janisol Arte 66  
 Janisol Arte 66  
 Janisol Arte 66

2.2

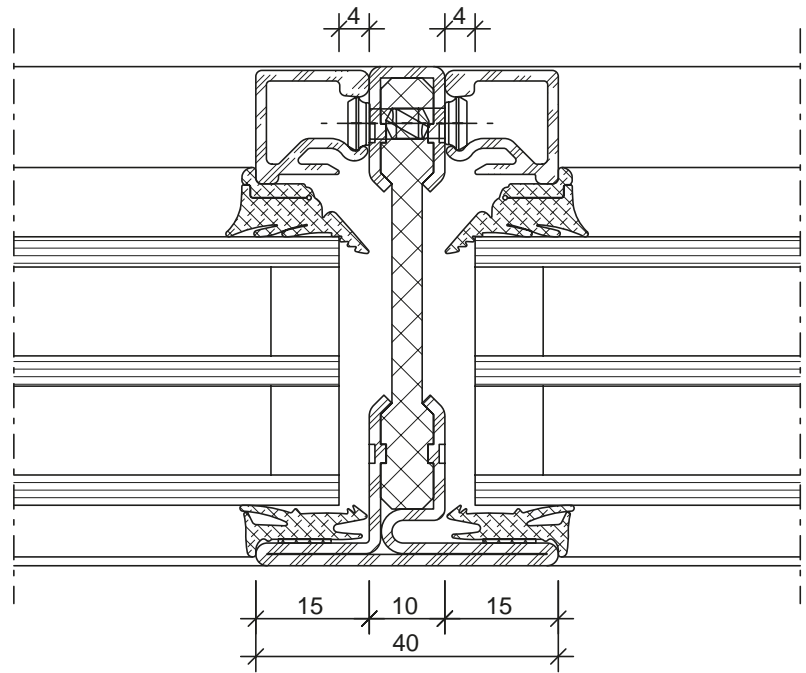


4.0



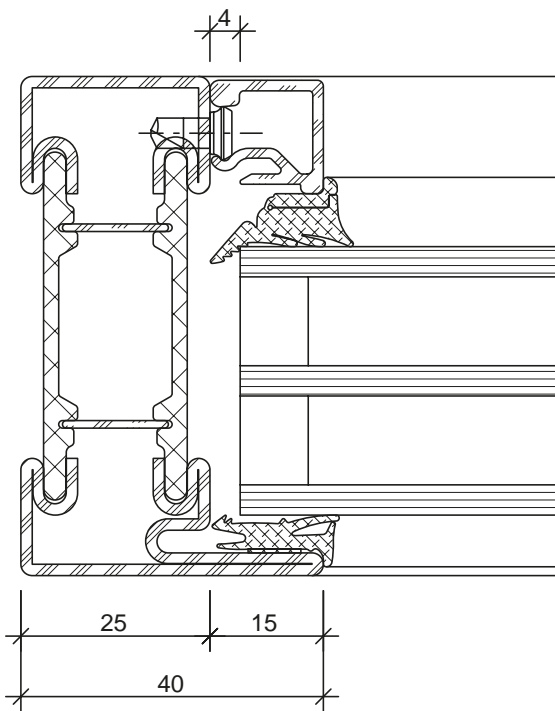
DXF DWG 13-0108-C-006

5.0



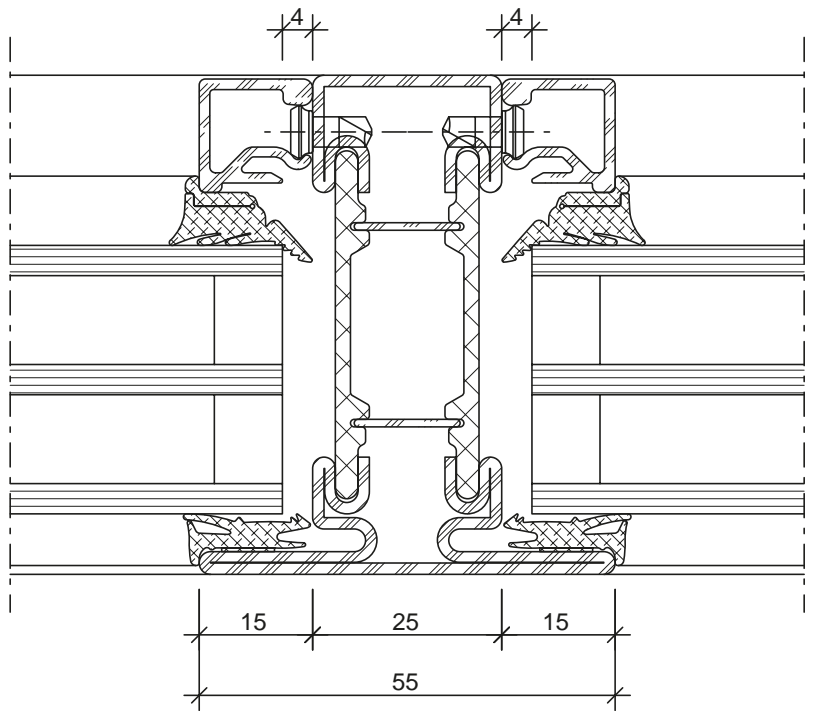
DXF DWG 13-0108-C-007

4.1



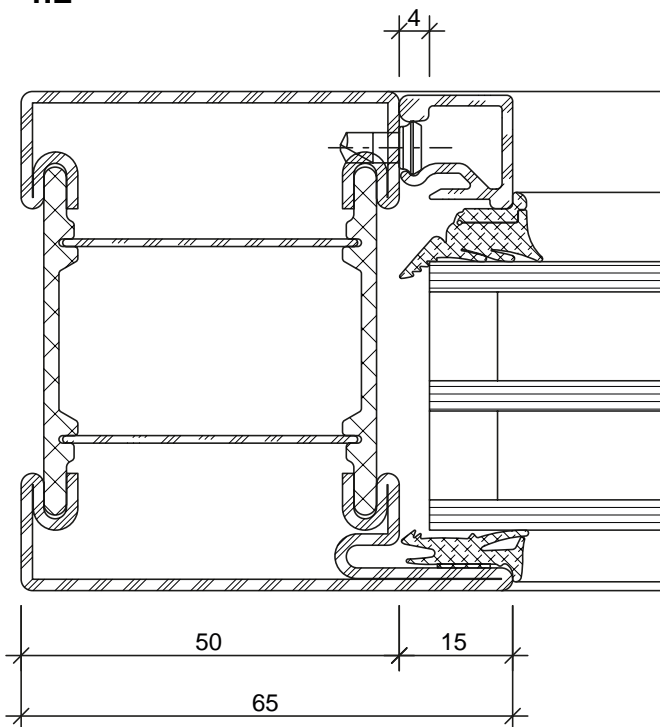
**DXF** **DWG** 13-0108-C-017

5.1



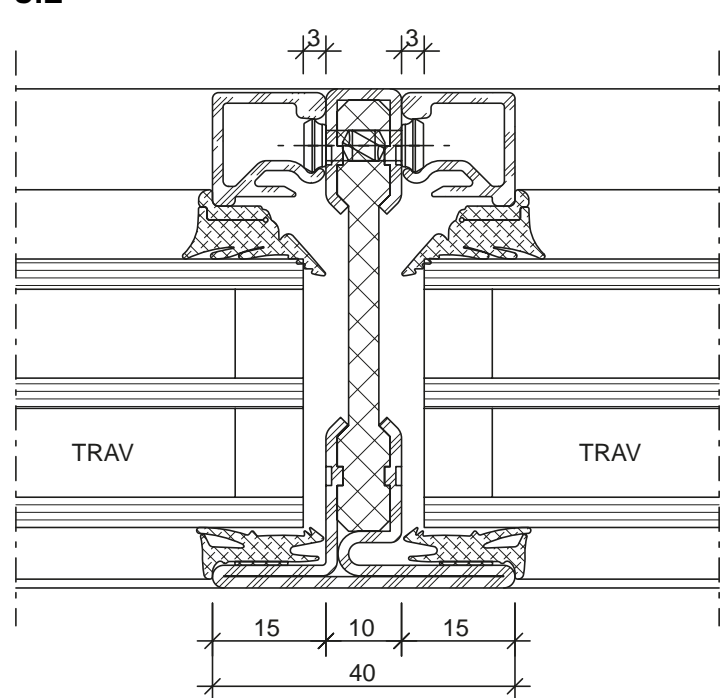
**DXF** **DWG** 13-0108-C-018

4.2



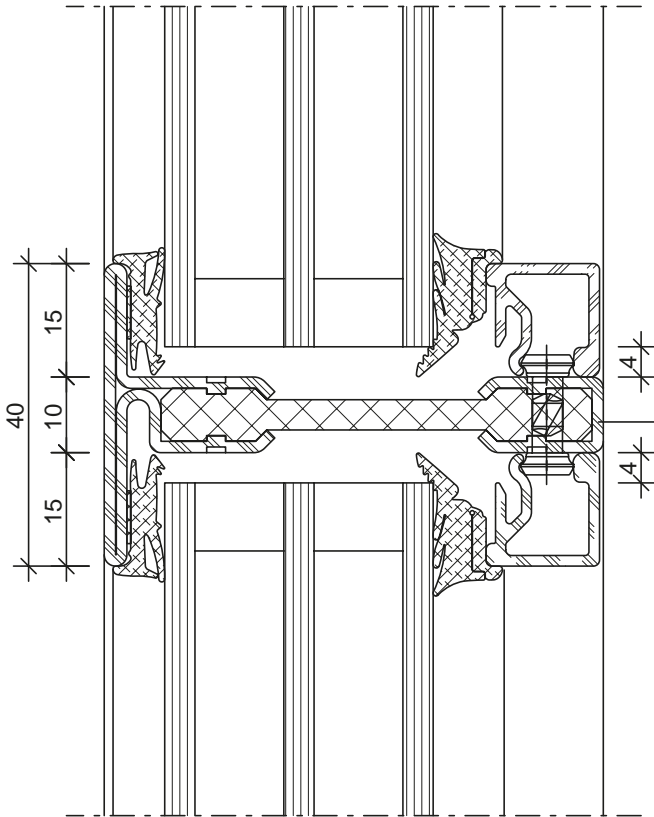
**DXF** **DWG** 13-0108-C-024

5.2



**DXF** **DWG** 13-0108-C-014

6.0

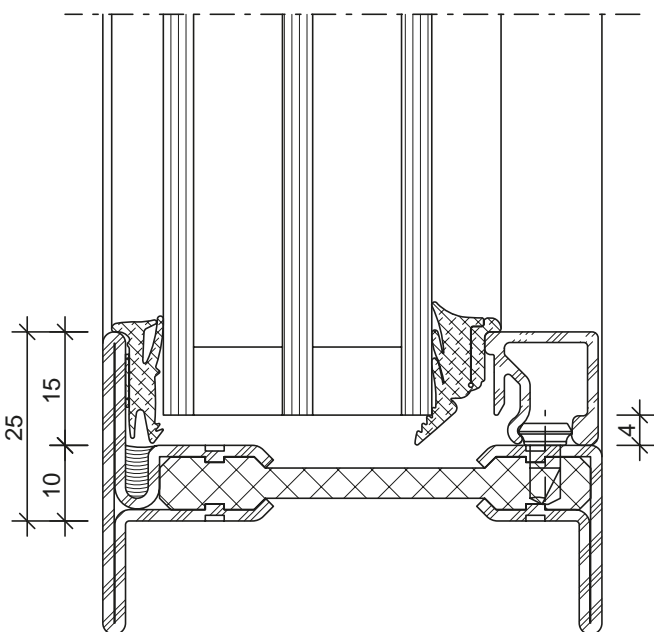


13-0108-C-009

DWG

DXF

4.1



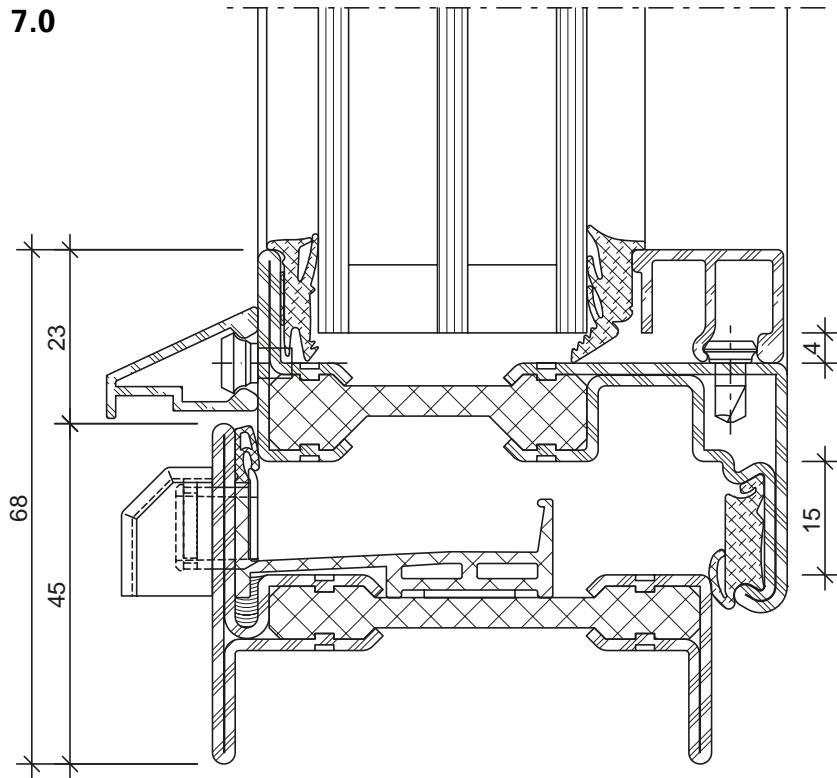
13-0108-C-008

DWG

DXF

Schnittpunkte nach innen öffnend im Massstab 1:1  
Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1  
Section details opening inwards on scale 1:1

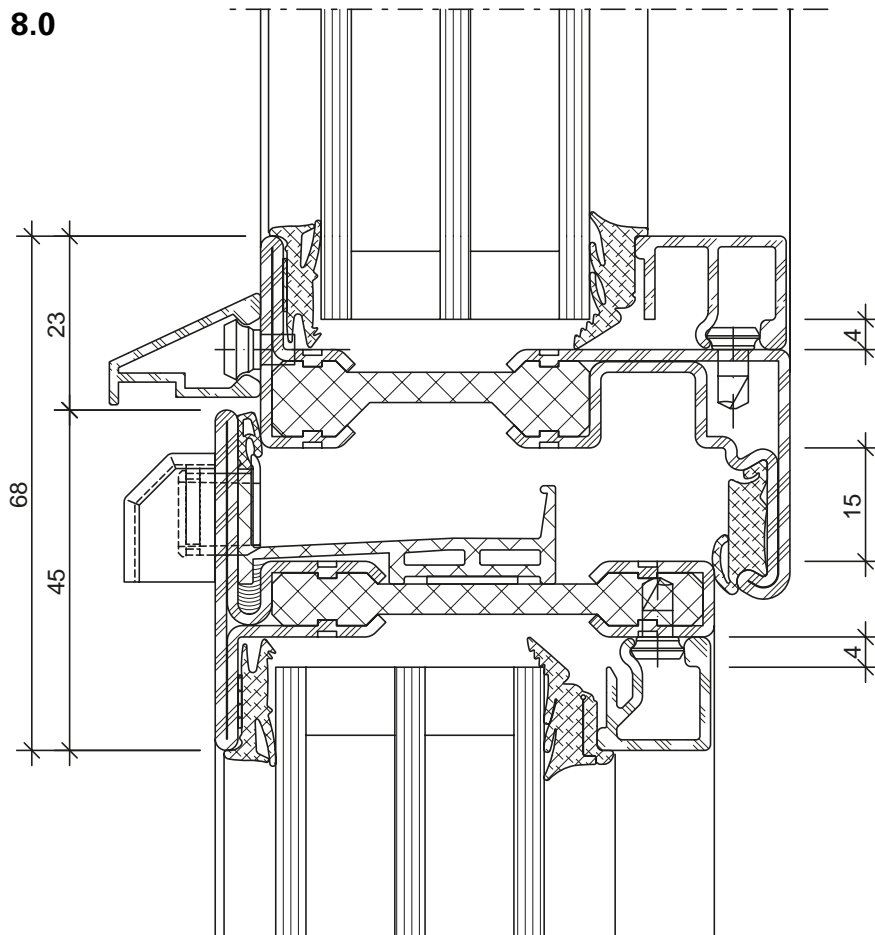
Janisol Arte 66  
Janisol Arte 66  
Janisol Arte 66



13-0108-C-010

DWG

DXF

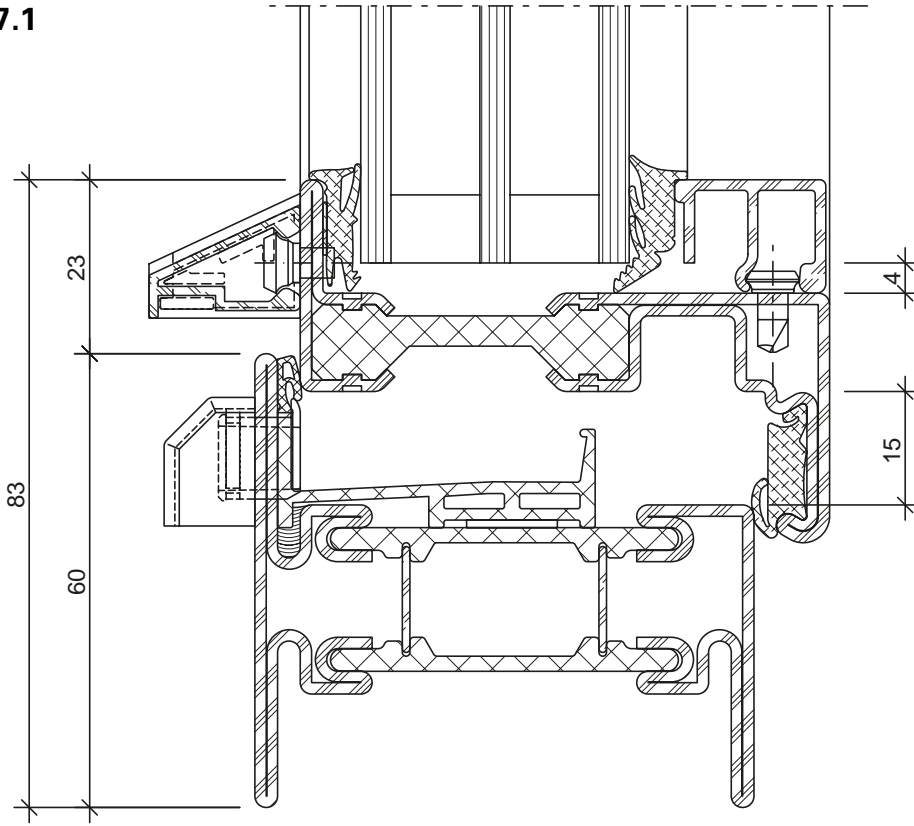


13-0108-C-013

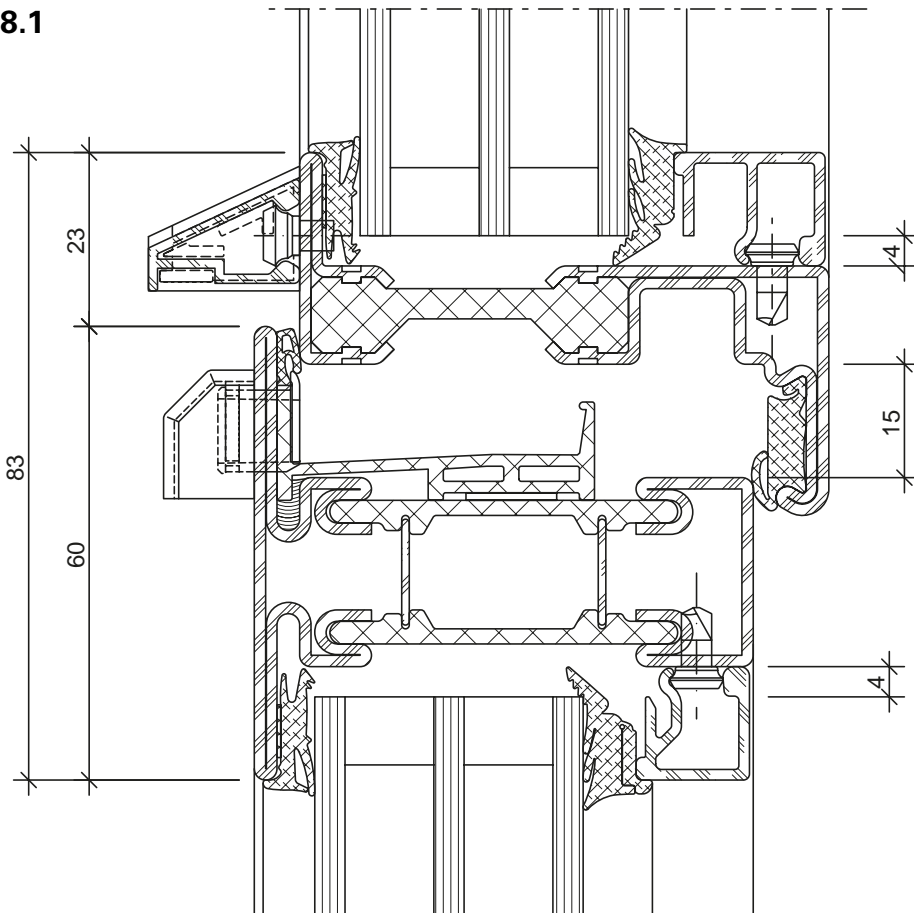
DWG

DXF

7.1



8.1



13-0108-C-019

DWG

DXF

13-0108-C-021

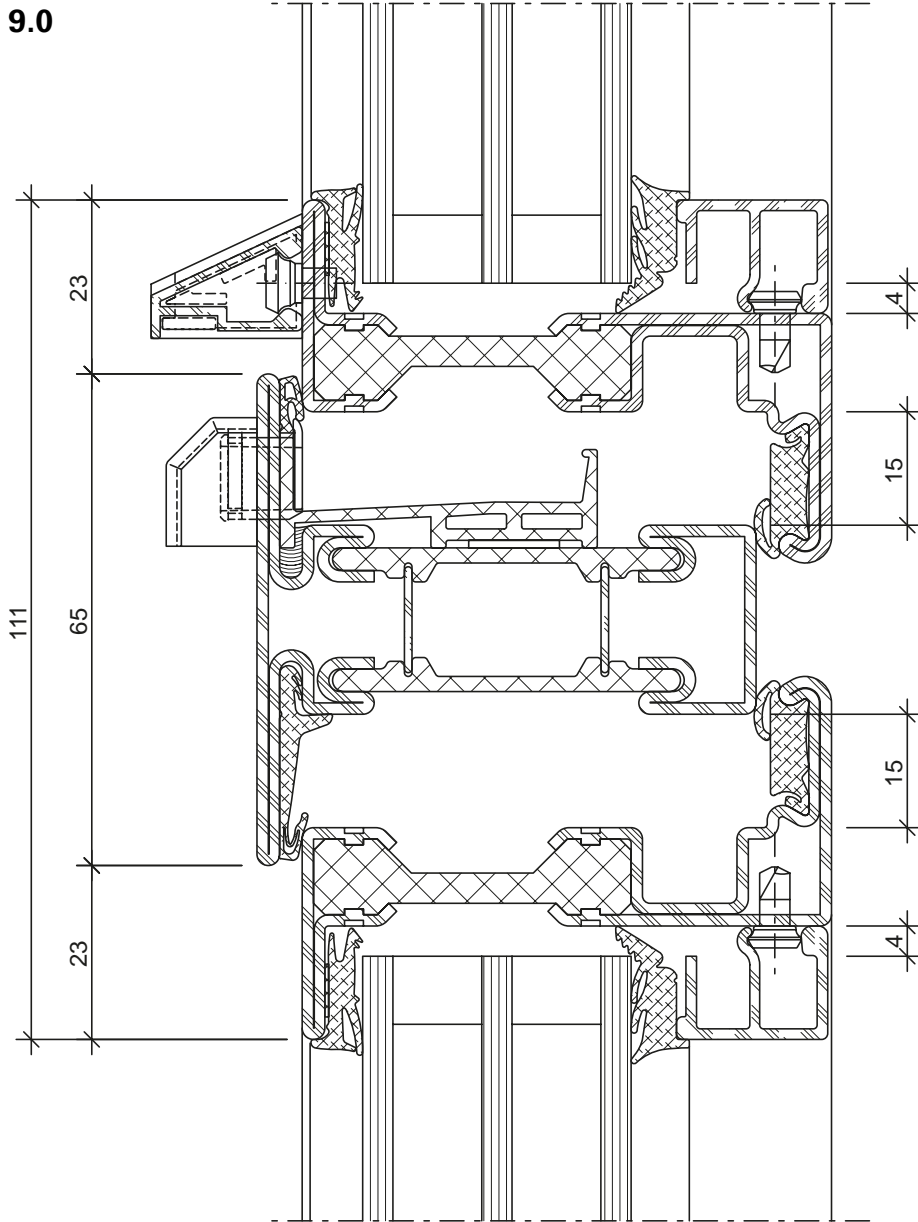
DWG

DXF



Schnittpunkte nach innen öffnend im Massstab 1:1  
Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1  
Section details opening inwards on scale 1:1

Janisol Arte 66  
Janisol Arte 66  
Janisol Arte 66



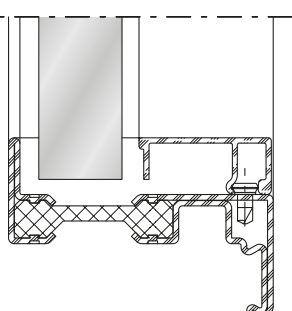
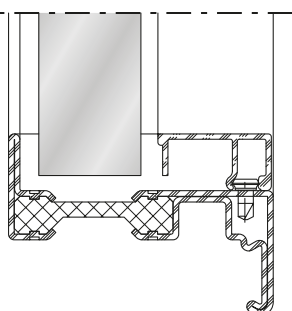
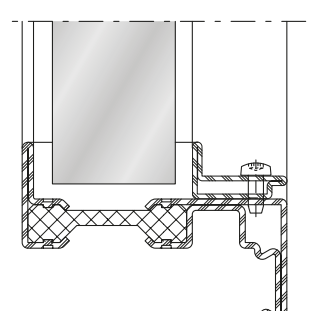
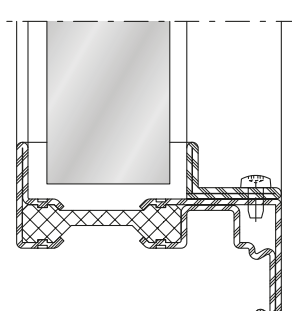
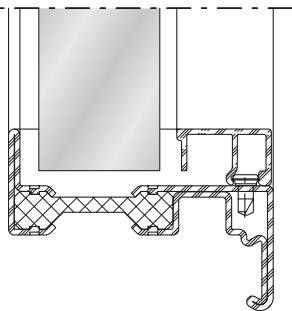
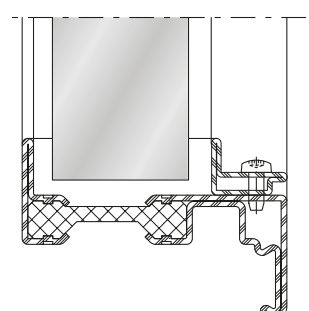
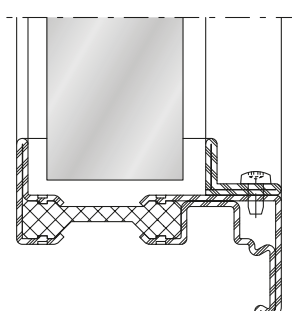
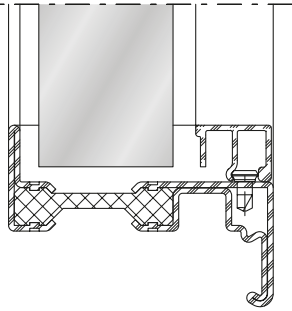
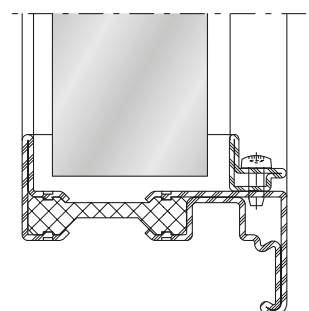
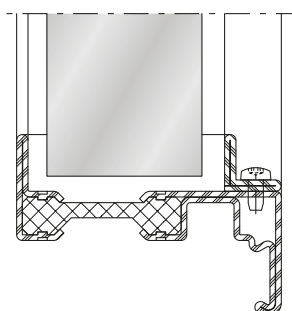
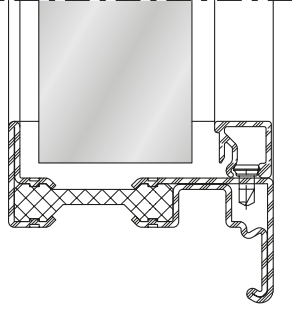
13-0108-C-020

DWG

DXF

Aluminium

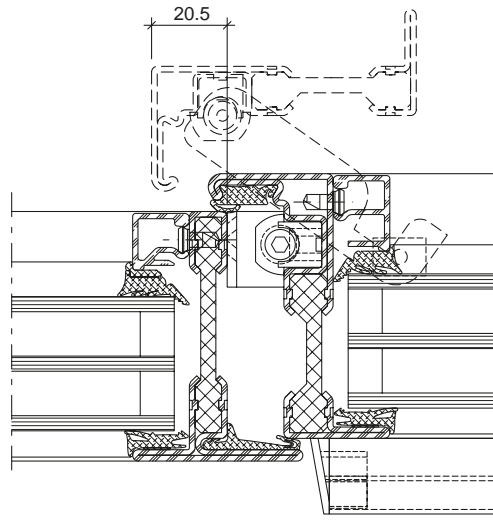
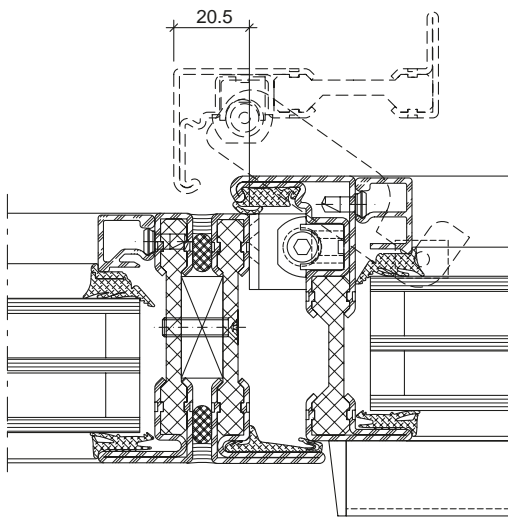
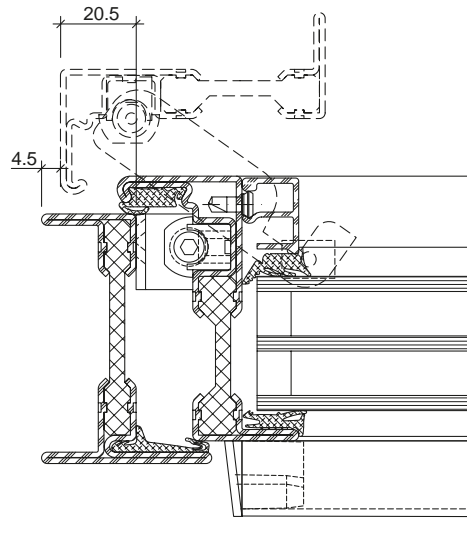
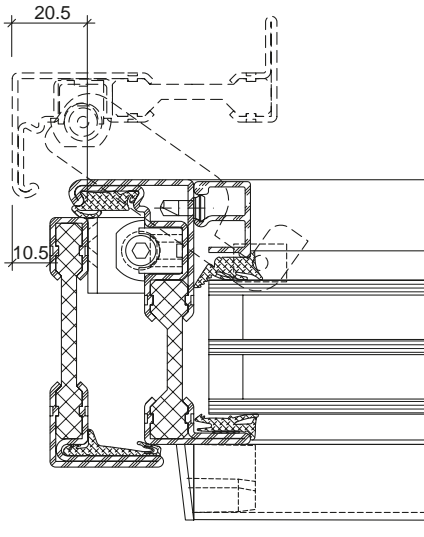
Stahl / Acier / Steel



Platzbedarf  
Verdeckt liegender Fensterbeschlag

Espace nécessaire  
Ferrure de fenêtre non apparente

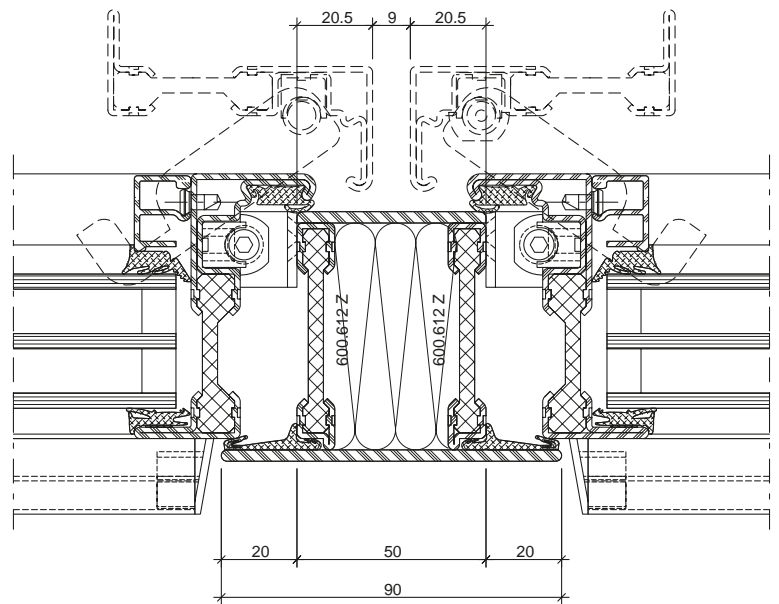
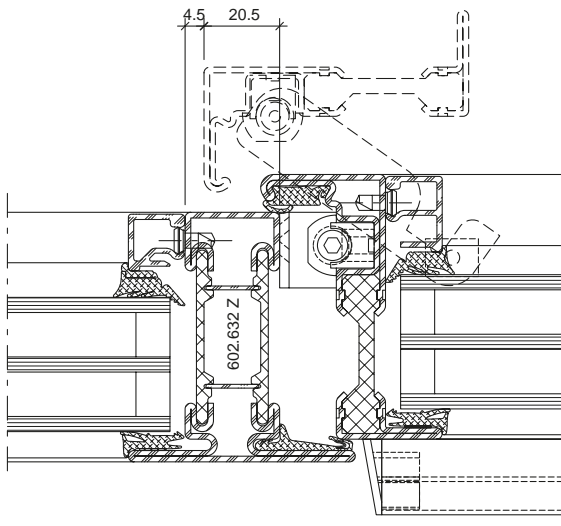
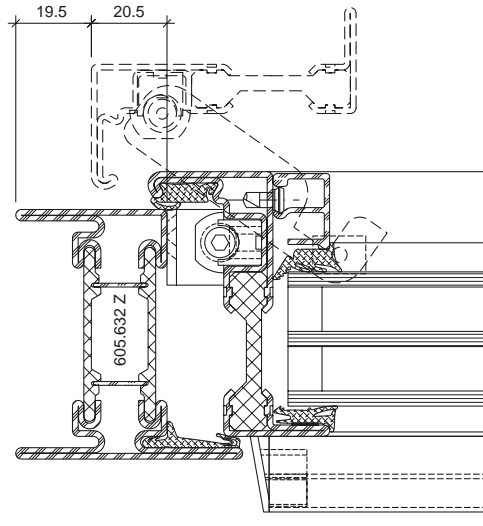
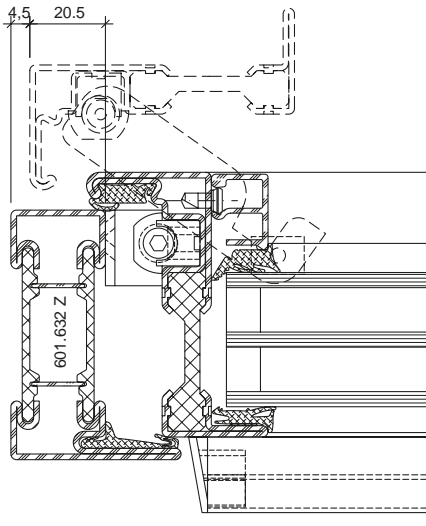
Space required  
Concealed window fitting



Platzbedarf  
Verdeckt liegender Fensterbeschlag

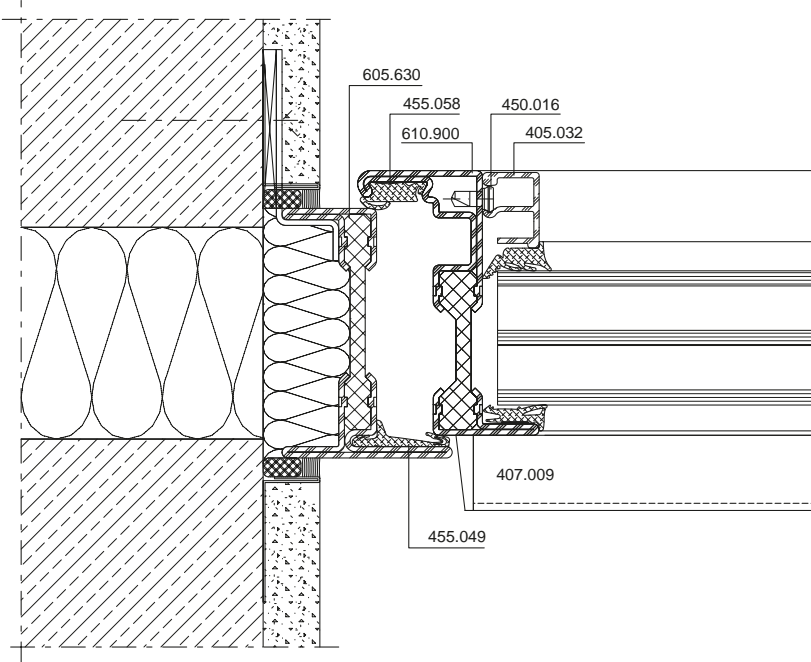
Espace nécessaire  
Ferrure de fenêtre non apparente

Space required  
Concealed window fitting



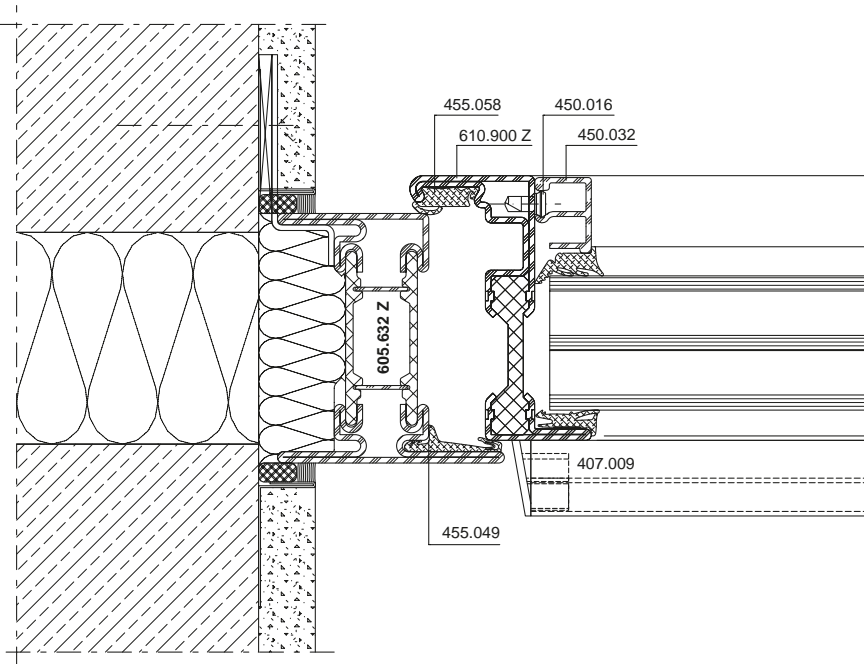
Anschlüsse am Bau im Masstab 1:2  
Raccords au mur à l'échelle 1:2  
Attachment to structure on scale 1:2

Janisol Arte 66  
Janisol Arte 66  
Janisol Arte 66



Bandseite ungeeignet (siehe Seite A-36-25)  
Côté paumelle inadapté (voir page A-36-25)  
Unsuitable hinge side (see page A-36-25)

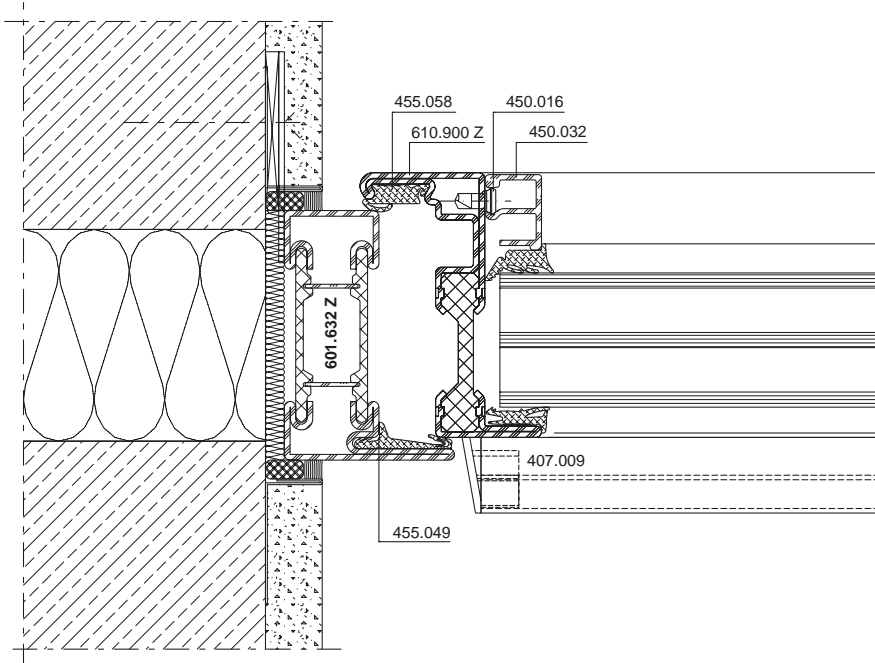
DXF DWG 13-0108-A-001



DXF DWG 13-0108-A-005

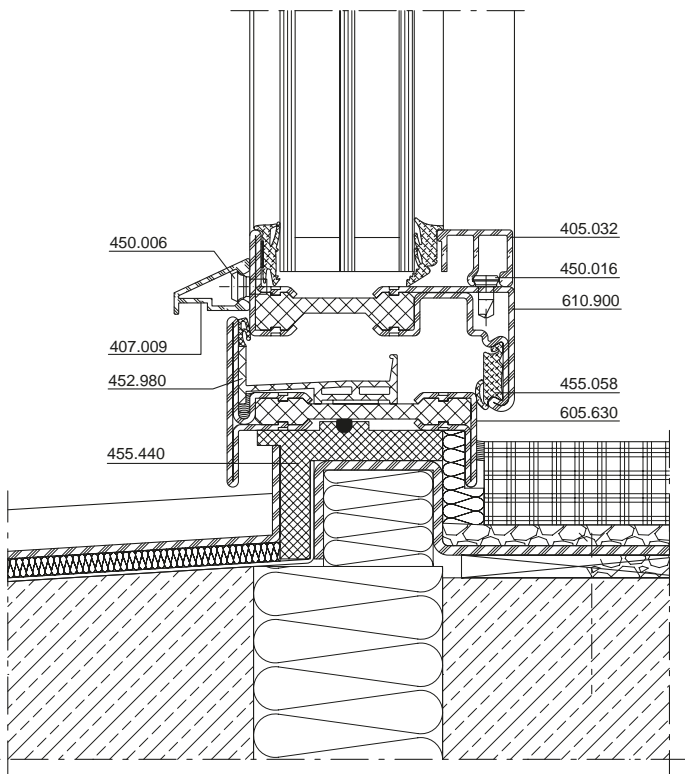
**Anschlüsse am Bau im Massstab 1:2**  
**Raccords au mur à l'échelle 1:2**  
**Attachment to structure on scale 1:2**

Janisol Arte 66  
Janisol Arte 66  
Janisol Arte 66

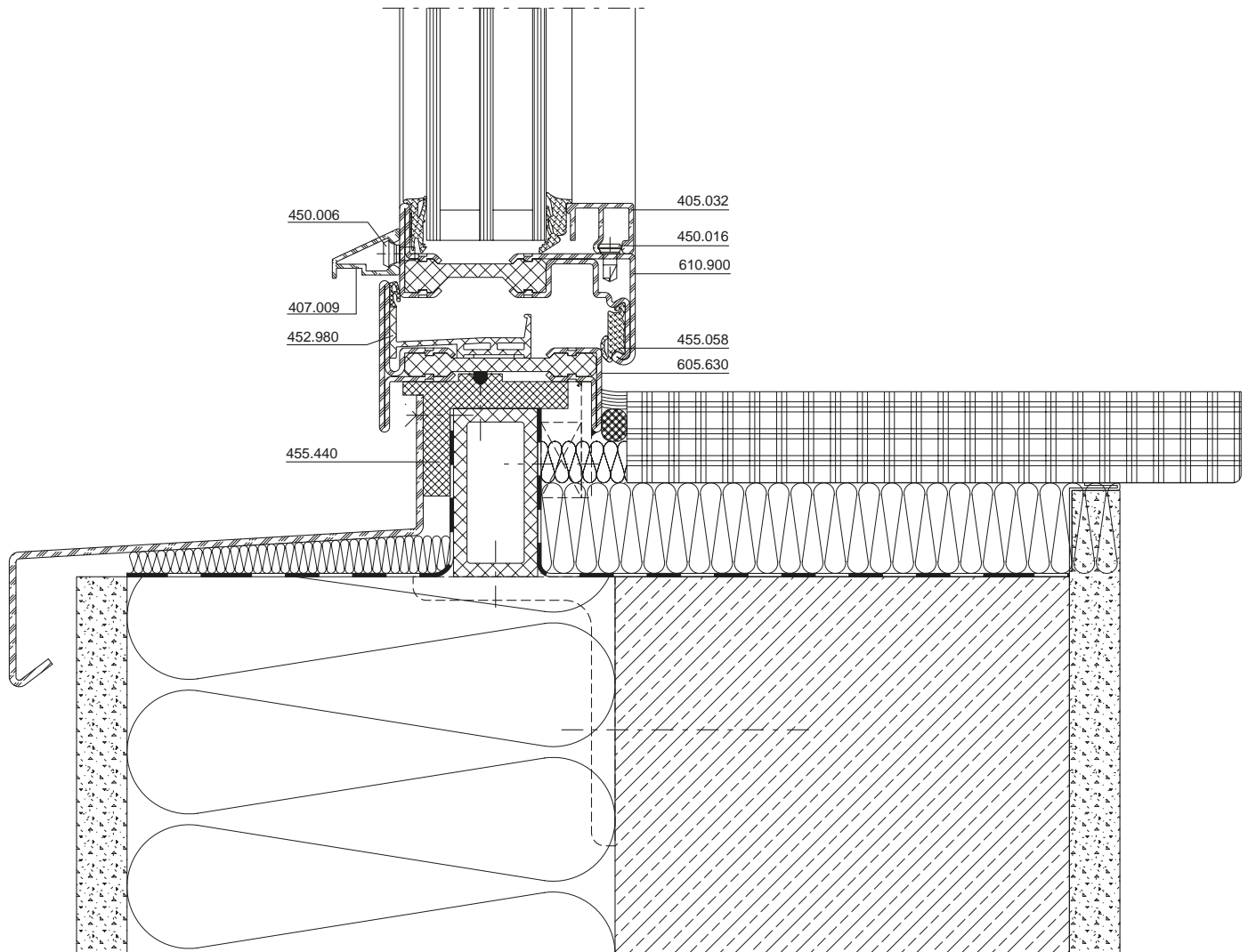


Bandseite ungeeignet (siehe Seite A-36-25)  
Côté paumelle inadapté (voir page A-36-25)  
Unsuitable hinge side (see page A-36-25)

**DXF** **DWG** 13-0108-A-006



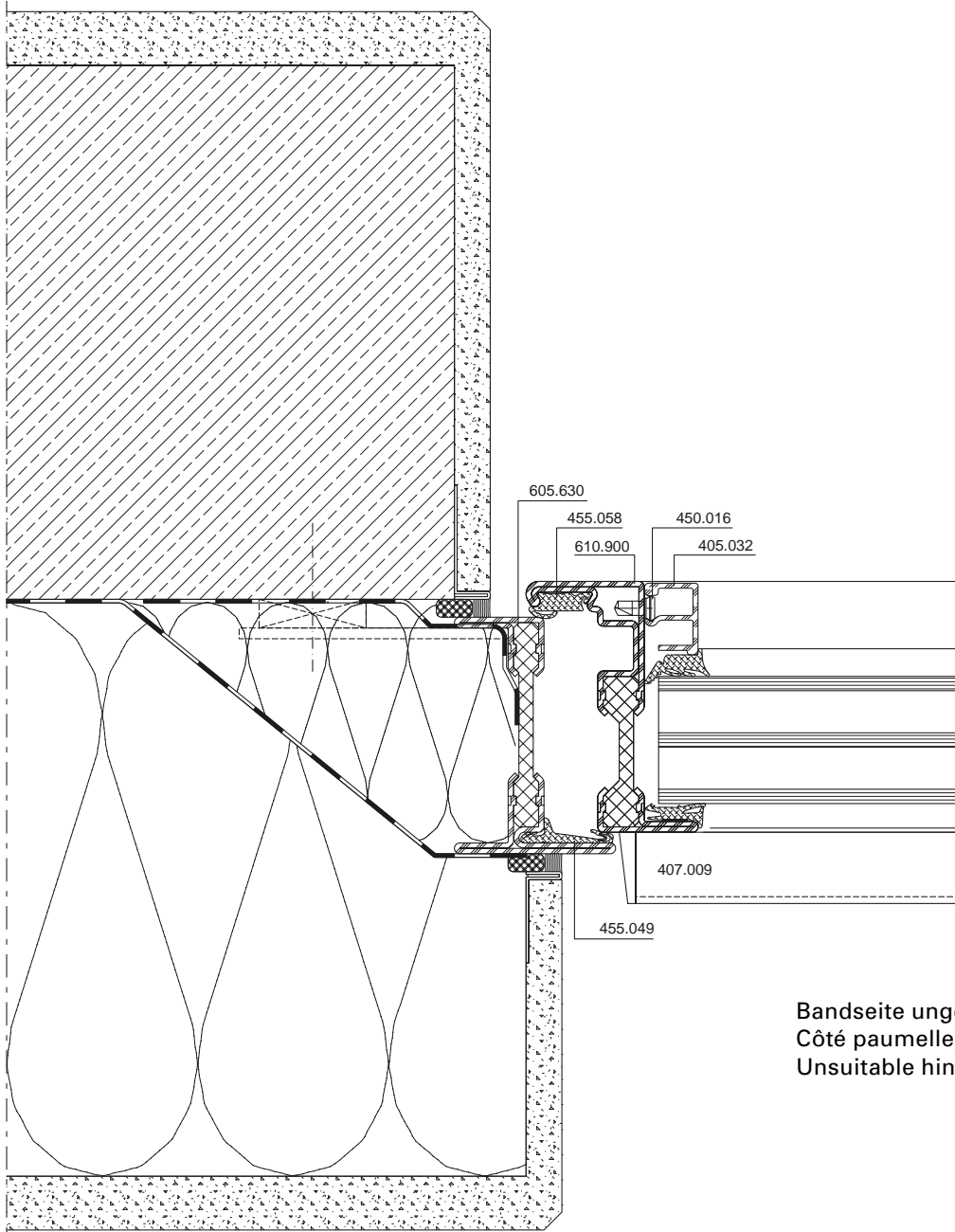
**DXF** **DWG** 13-0108-A-002



DXF

DWG

13-0108-A-003



Bandseite ungeeignet (siehe Seite A-36-25)  
Côté paumelle inadapté (voir page A-36-25)  
Unsuitable hinge side (see page A-36-25)

DXF

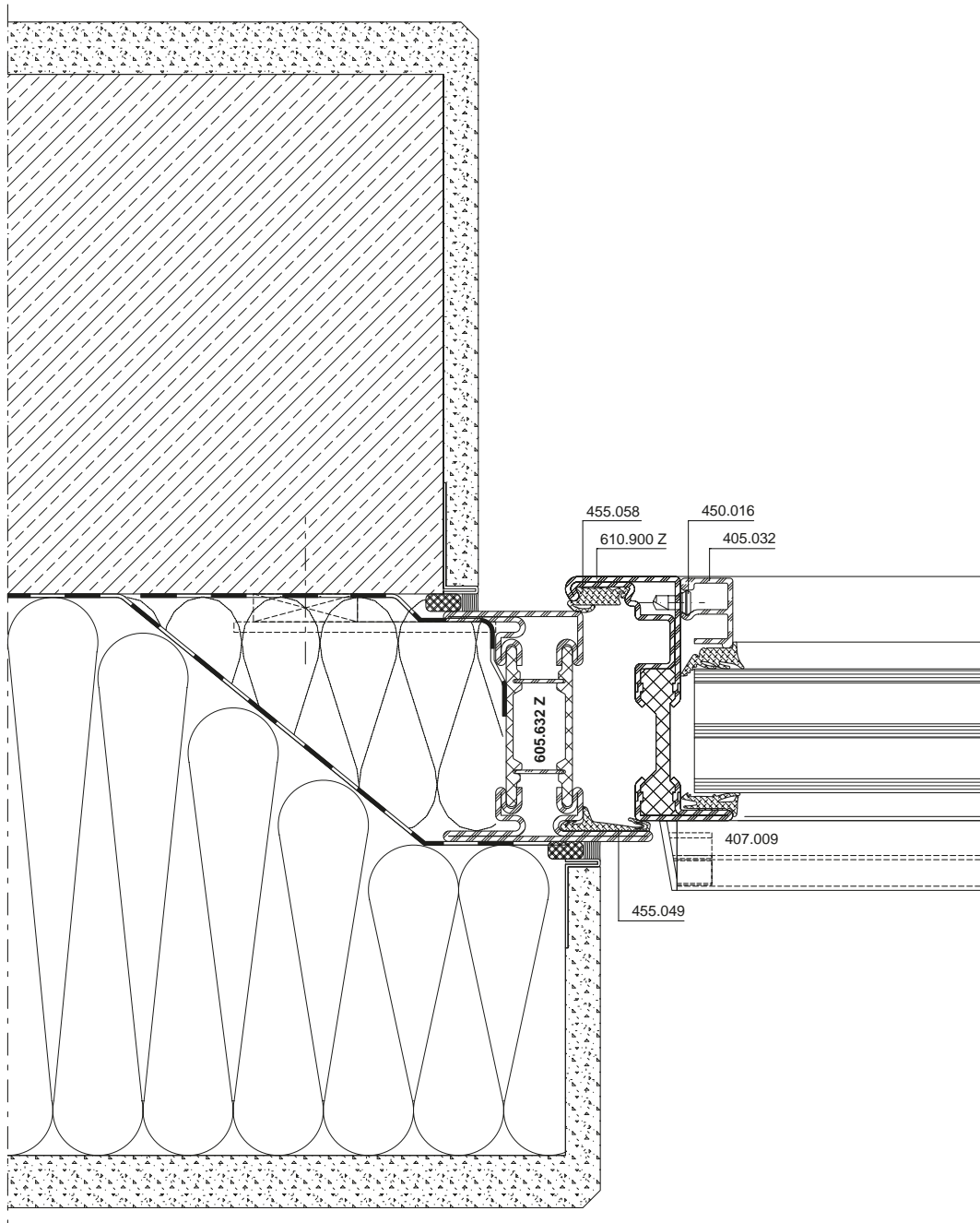
DWG

13-0108-A-004



Anschlüsse am Bau im Masstab 1:2  
Raccords au mur à l'échelle 1:2  
Attachment to structure on scale 1:2

Janisol Arte 66  
Janisol Arte 66  
Janisol Arte 66



DXF

DWG

13-0108-A-007

**Leistungswerte**

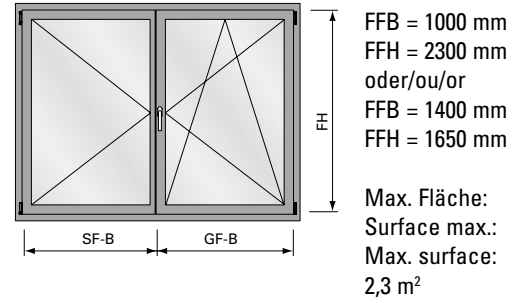
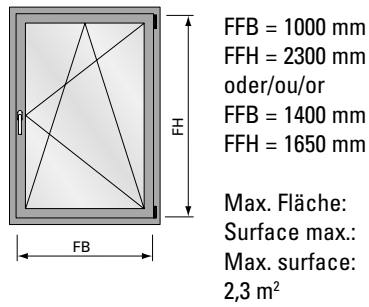
**Caractéristiques de performances**







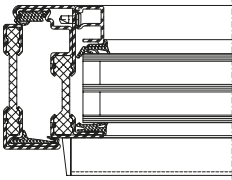
**Performance values**







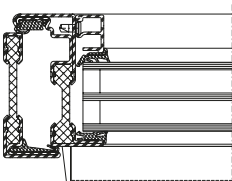
**Schlagregendichtheit  
 Luftdurchlässigkeit  
 Widerstand bei Windlast**

**Etanchéité à la pluie battante  
 Perméabilité à l'air  
 Résistance à la pression du vent**

**Watertightness  
 Air permeability  
 Resistance to wind load**



	 EN 12208	 EN 12207	 EN 12210	 EN 12208	 EN 12207	 EN 12210
bis / jusqu'à / up to FFH 1650 mm 	Klasse 9A Classe 9A Class 9A	Klasse 4 Classe 4 Class 4	Klasse C5/B5 Classe C5/B5 Class C5/B5	Klasse 7A Classe 7A Class 7A	Klasse 4 Classe 4 Class 4	Klasse C4/B4 Classe C4/B4 Class C4/B4
Größenänderungen Variations dimensionnelles Size changes	-100%	-100%	-100%	-100%	-100%	-100%

	 EN 12208	 EN 12207	 EN 12210	 EN 12208	 EN 12207	 EN 12210
bis / jusqu'à / up to FFH 2300 mm bis / jusqu'à / up to FFB 1000 mm 	Klasse 8A Classe 8A Class 8A	Klasse 4 Classe 4 Class 4	Klasse C5/B5 Classe C5/B5 Class C5/B5	Klasse 7A Classe 7A Class 7A	Klasse 4 Classe 4 Class 4	Klasse C4/B4 Classe C4/B4 Class C4/B4
Größenänderungen Variations dimensionnelles Size changes	-100%	-100%	-100%	-100%	-100%	-100%

**Leistungseigenschaften nach EN 14351-1**  
**Caractéristiques de performance selon EN 14351-1**  
**Performance characteristics according to EN 14351-1**

Janisol Arte 66  
 Janisol Arte 66  
 Janisol Arte 66

**Leistungswerte**

**Caractéristiques de performances**

**Performance values**

**Schlagregendichtheit**  
**Luftdurchlässigkeit**  
**Widerstand bei Windlast**

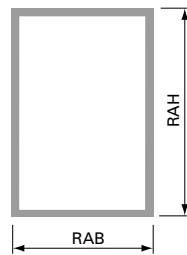
**Étanchéité à la pluie battante**  
**Perméabilité à l'air**  
**Résistance à la pression du vent**




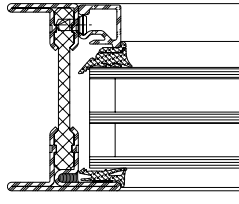
**Watertightness**  
**Air permeability**  
**Resistance to wind load**

**Festverglasung**

**Vitrage fixe**

**Fixed glazing**



	 <b>EN 12208</b>	 <b>EN 12207</b>	 <b>EN 12210</b>
<b>RABxRAH 1230x1480 mm</b> 	Klasse 9A Classe 9A Class 9A	Klasse 4 Classe 4 Class 4	Klasse C5/B5 Classe C5/B5 Class C5/B5

**Leistungswerte**

**Caractéristiques de performances**

**Performance values**

**Schlagregendichtheit  
 Luftdurchlässigkeit  
 Widerstand bei Windlast**

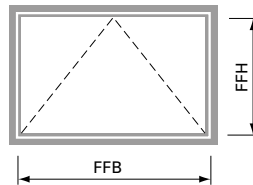
**Etanchéité à la pluie battante  
 Perméabilité à l'air  
 Résistance à la pression du vent**

**Watertightness  
 Air permeability  
 Resistance to wind load**

**Kippfenster**

**Fenêtre à sofflet**




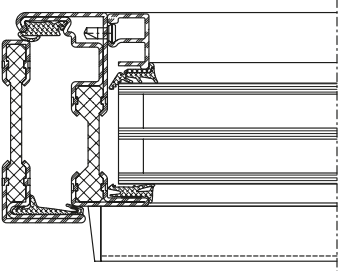
**Bottom-hung window**



FFB = 2300 mm  
 FFH = 2300 mm

in Abhängigkeit des Verriegelungsabstandes  
 en fonction de l'écart de verrouillage  
 depending on the distance between locking points

Max. Fläche:  
 Surface max.:  
 Max. surface:  
 2,3 m<sup>2</sup>

	 EN 12208	 EN 12207	 EN 12210
Beschlag/Ferrure/Fitting 	Klasse 8A Classe 8A Class 8A	Klasse 4 Classe 4 Class 4	Klasse C5/B5 Classe C5/B5 Class C5/B5
Schnäpper 557.099 Loqueteau 557.099 Spring catch 557.099	Klasse 8A Classe 8A Class 8A	Klasse 4 Classe 4 Class 4	Klasse C3/B3 Classe C3/B3 Class C3/B3
Oberlichtöffner 550.651 Ferrure d'imposte 550.651 Top light opener 550.651	Klasse 8A Classe 8A Class 8A	Klasse 3 Classe 3 Class 3	Klasse C3/B3 Classe C3/B3 Class C3/B3
Kettenantrieb 550.697 Entraînement à chaîne 550.697 Chain drive 550.697	Klasse 8A Classe 8A Class 8A	Klasse 4 Classe 4 Class 4	Klasse C3/B3 Classe C3/B3 Class C3/B3

**U<sub>f</sub>-Werte**  
(nach EN ISO 10077-2:2018-01)

Auf den folgenden Seiten finden Sie die U<sub>f</sub>-Werte für die verschiedenen Anwendungen von Janisol Arte 2.0.

Sie basieren auf folgenden Grundlagen:

- Profile bandverzinkter Stahl, unbeschichtet
- Aluminium-Glasleisten
- Nassverglasung

**Valeurs U<sub>f</sub>**  
(selon EN ISO 10077-2:2018-01)

Vous trouverez les valeurs U<sub>f</sub> pour les différentes applications Janisol Arte 2.0 dans les pages qui suivent.

Elles se basent sur les principes suivants:

- Profilés en bande d'acier zingué, sans revêtement
- Parcloses en aluminium
- Vitrage à mastic

**U<sub>f</sub> values**  
(according to EN ISO 10077-2:2018-01)

On the following pages you will find the U<sub>f</sub> values for the various applications for Janisol Arte 2.0.

They are based on the following:

- Strip galvanised steel profiles, uncoated
- Aluminium glazing beads
- Glazing with sealing

Janisol Arte Stahl  
Zweifach-Isolierglas

Janisol Arte acier  
Double verre isolant

Janisol Arte steel  
Double insulating glazing

Janisol Arte Stahl  
Dreifach-Isolierglas

Janisol Arte acier  
Triple verre isolant

Janisol Arte steel  
Triple insulating glazing

Janisol Arte Stahl  
optimiert  
Zweifach-Isolierglas

Janisol Arte acier  
optimisé  
Double verre isolant

Janisol Arte steel  
optimised  
Double insulating glazing

Janisol Arte Stahl  
optimiert  
Dreifach-Isolierglas

Janisol Arte acier  
optimisé  
Triple verre isolant

Janisol Arte steel  
optimised  
Triple insulating glazing

**Janisol Arte Stahl**  
**Zweifach-Isolierglas**


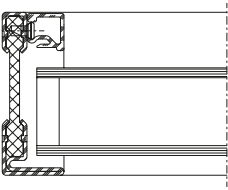
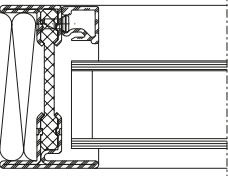
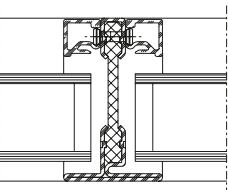
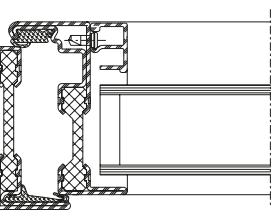
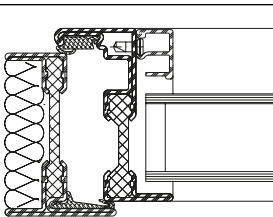
Festverglasungen und  
 Fenster nach innen öffnend


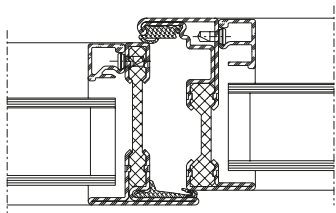
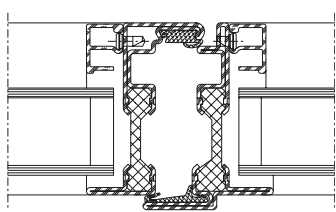
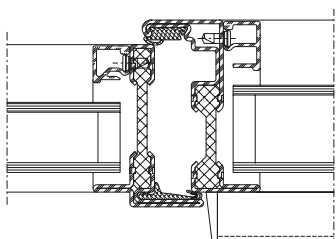
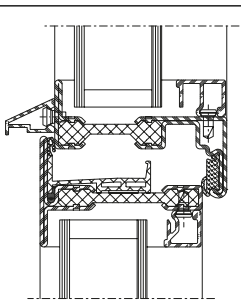
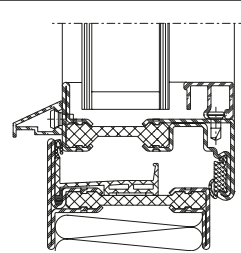
**Janisol Arte acier**  
**Double verre isolant**

Vitrages fixes et fenêtres  
 ouvrant vers l'intérieur

**Janisol Arte steel**  
**Double insulating glazing**

Fixed lights and  
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 24 mm	≥ 28 mm
	2,9 W/m²K	2,6 W/m²K
	2,2 W/m²K	2,0 W/m²K
	2,8 W/m²K	2,5 W/m²K
	3,3 W/m²K	3,2 W/m²K
	2,8 W/m²K	2,8 W/m²K

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 24 mm	≥ 28 mm
	3,3 W/m²K	3,2 W/m²K
	3,3 W/m²K	3,2 W/m²K
	3,2 W/m²K	3,1 W/m²K
	3,2 W/m²K	3,1 W/m²K
	2,8 W/m²K	2,8 W/m²K

**Janisol Arte Stahl**  
**Zweifach-Isolierglas**

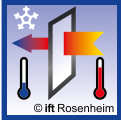
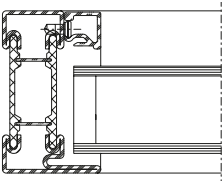
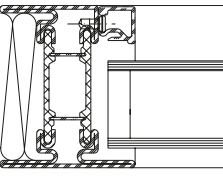
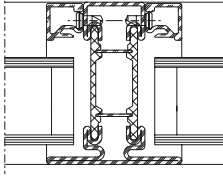
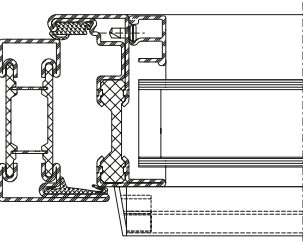
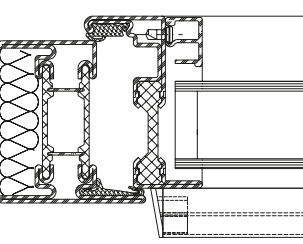
Festverglasungen und  
 Fenster nach innen öffnend


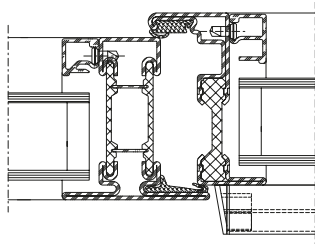
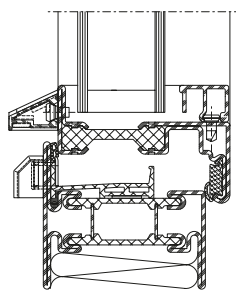
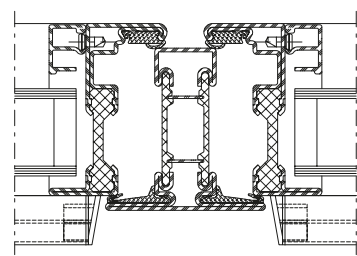
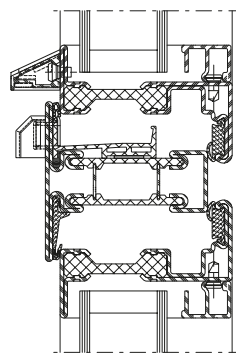
**Janisol Arte acier**  
**Double verre isolant**

Vitrages fixes et fenêtres  
 ouvrant vers l'intérieur

**Janisol Arte steel**  
**Double insulating glazing**

Fixed lights and  
 windows inward opening

	Füllelementstärken Eléments de remplissages Infill elements	
	≥ 24 mm	≥ 28 mm
	2,1 W/m²K	2,0 W/m²K
	1,7 W/m²K	1,6 W/m²K
	2,2 W/m²K	2,0 W/m²K
	2,8 W/m²K	2,8 W/m²K
	2,5 W/m²K	2,5 W/m²K

	Füllelementstärken Eléments de remplissages Infill elements	
	≥ 24 mm	≥ 28 mm
	2,8 W/m²K	2,7 W/m²K
	2,4 W/m²K	2,4 W/m²K
	2,9 W/m²K	2,9 W/m²K
	3,0 W/m²K	3,0 W/m²K

**Janisol Arte Stahl**  
**Dreifach-Isolierglas**

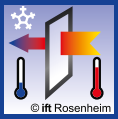
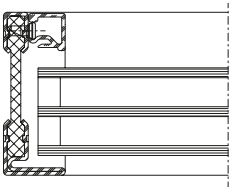
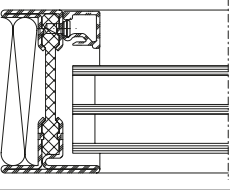
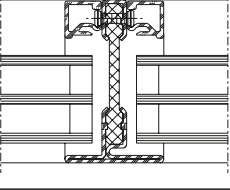
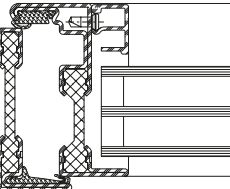
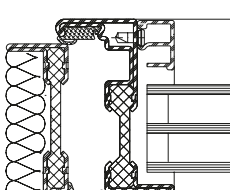
Festverglasungen und  
 Fenster nach innen öffnend

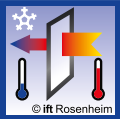
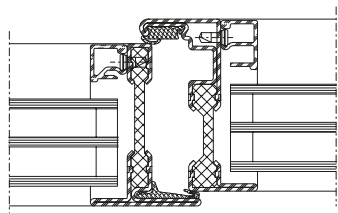
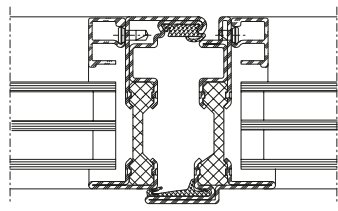
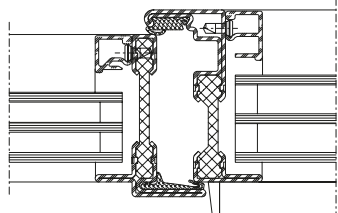
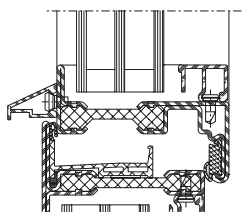
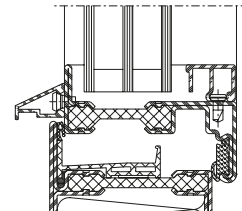
**Janisol Arte acier**  
**Triple verre isolant**

Vitrages fixes et fenêtres  
 ouvrant vers l'intérieur

**Janisol Arte steel**  
**Triple insulating glazing**

Fixed lights and  
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 36 mm	≥ 46 mm
	2,5 W/m²K	2,3 W/m²K
	1,9 W/m²K	1,8 W/m²K
	2,3 W/m²K	2,2 W/m²K
	3,2 W/m²K	3,1 W/m²K
	2,8 W/m²K	2,8 W/m²K

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 36 mm	≥ 46 mm
	3,1 W/m²K	3,0 W/m²K
	3,2 W/m²K	3,1 W/m²K
	3,0 W/m²K	3,0 W/m²K
	3,0 W/m²K	2,9 W/m²K
	2,7 W/m²K	2,7 W/m²K



**Janisol Arte Stahl**  
**Dreifach-Isolierglas**


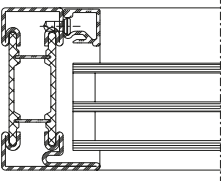
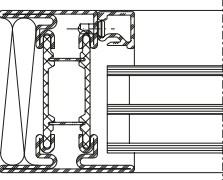
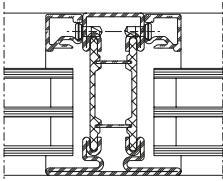
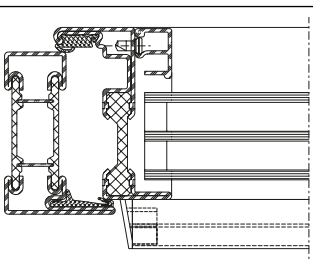
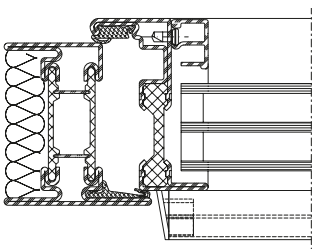
Festverglasungen und  
 Fenster nach innen öffnend


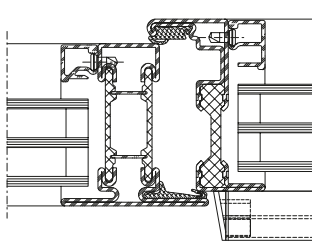
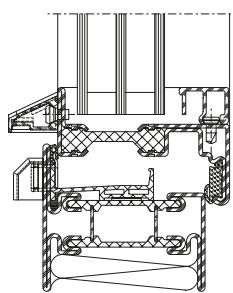
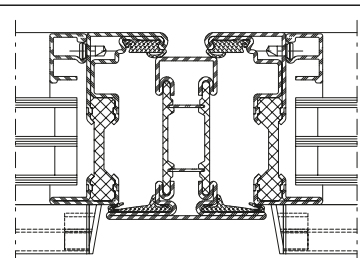
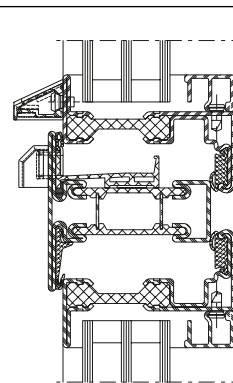
**Janisol Arte acier**  
**Triple verre isolant**

Vitrages fixes et fenêtres  
 ouvrant vers l'intérieur

**Janisol Arte steel**  
**Triple insulating glazing**

Fixed lights and  
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 36 mm	≥ 46 mm
	1,9 W/m²K	1,8 W/m²K
	1,6 W/m²K	1,5 W/m²K
	1,8 W/m²K	1,8 W/m²K
	2,7 W/m²K	2,7 W/m²K
	2,4 W/m²K	2,4 W/m²K

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 36 mm	≥ 46 mm
	2,6 W/m²K	2,6 W/m²K
	2,4 W/m²K	2,4 W/m²K
	2,9 W/m²K	2,8 W/m²K
	2,9 W/m²K	2,8 W/m²K

**Janisol Arte Stahl  
 optimiert  
 Zweifach-Isolierglas**

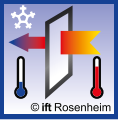
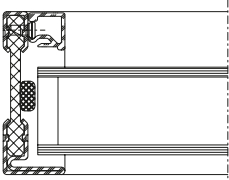
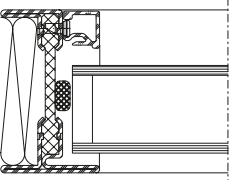
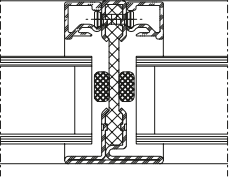
Festverglasungen und  
 Fenster nach innen öffnend

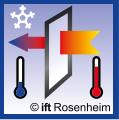
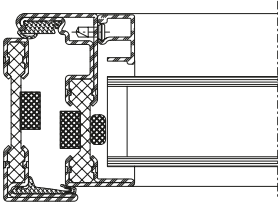
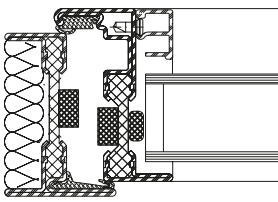
**Janisol Arte acier  
 optimisé  
 Double verre isolant**

Vitrages fixes et fenêtres  
 ouvrant vers l'intérieur

**Janisol Arte steel  
 optimised  
 Double insulating glazing**

Fixed lights and  
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,4 W/m²K	X
	1,8 W/m²K	X
	2,1 W/m²K	X

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	3,1 W/m²K	2,5 W/m²K
	2,7 W/m²K	2,2 W/m²K

**Janisol Arte Stahl  
 optimiert  
 Zweifach-Isolierglas**

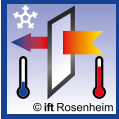
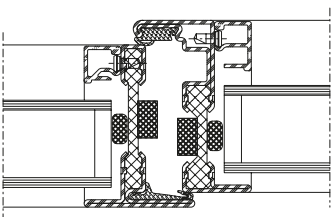
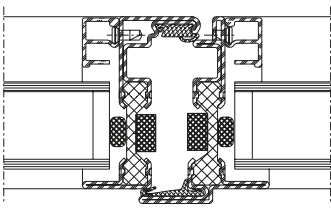
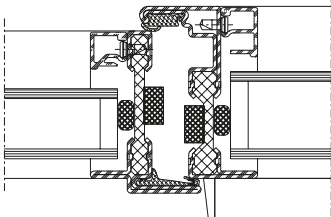
Festverglasungen und  
 Fenster nach innen öffnend

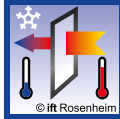
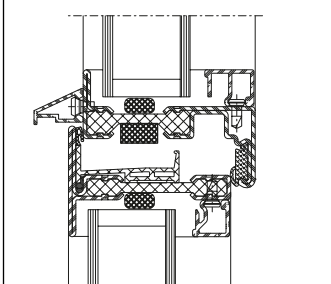
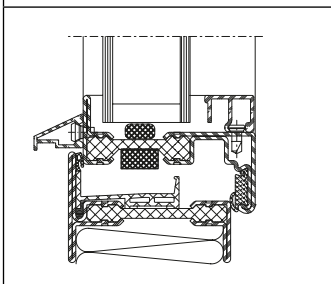
**Janisol Arte acier  
 optimisé  
 Double verre isolant**

Vitrages fixes et fenêtres  
 ouvrant vers l'intérieur

**Janisol Arte steel  
 optimised  
 Double insulating glazing**

Fixed lights and  
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	<b>3,0 W/m²K</b>	<b>2,4 W/m²K</b>
	<b>3,0 W/m²K</b>	<b>2,5 W/m²K</b>
	<b>2,9 W/m²K</b>	<b>2,4 W/m²K</b>

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	<b>2,9 W/m²K</b>	<b>2,6 W/m²K</b>
	<b>2,6 W/m²K</b>	<b>2,4 W/m²K</b>

**Janisol Arte Stahl  
 optimiert  
 Zweifach-Isolierglas**

Festverglasungen und  
 Fenster nach innen öffnend

**Janisol Arte acier  
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 Double verre isolant**

Vitrages fixes et fenêtres  
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Fixed lights and  
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	<b>1,8 W/m²K</b>	
	<b>1,5 W/m²K</b>	
	<b>1,7 W/m²K</b>	

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	<b>2,8 W/m²K</b>	
	<b>2,8 W/m²K</b>	

**Janisol Arte Stahl  
 optimiert  
 Zweifach-Isolierglas**

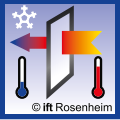
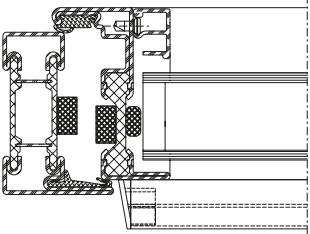
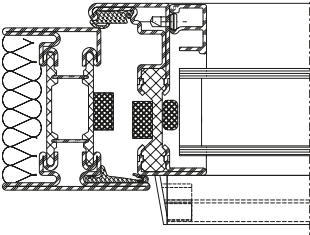
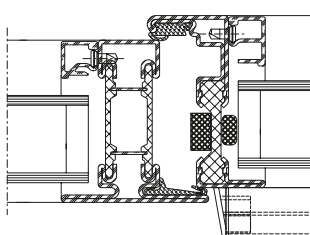
Festverglasungen und  
 Fenster nach innen öffnend

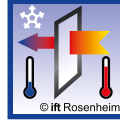
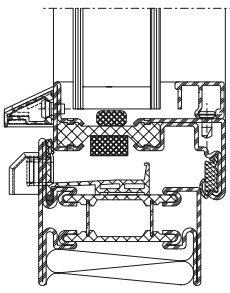
**Janisol Arte acier  
 optimisé  
 Double verre isolant**

Vitrages fixes et fenêtres  
 ouvrant vers l'intérieur

**Janisol Arte steel  
 optimised  
 Double insulating glazing**

Fixed lights and  
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,7 W/m²K	2,2 W/m²K
	2,4 W/m²K	2,0 W/m²K
	2,6 W/m²K	2,1 W/m²K

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,3 W/m²K	2,1 W/m²K

**Janisol Arte Stahl  
 optimiert  
 Dreifach-Isolierglas**

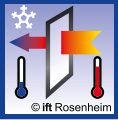
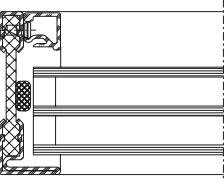
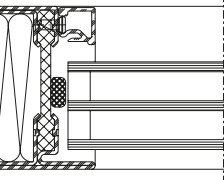
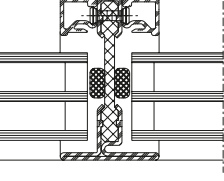
Festverglasungen und  
 Fenster nach innen öffnend

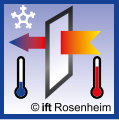
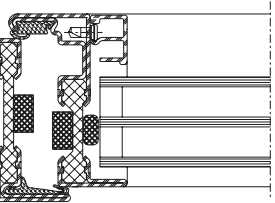
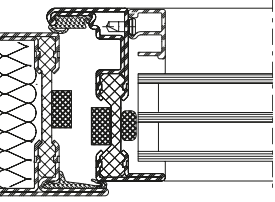
**Janisol Arte acier  
 optimisé  
 Triple verre isolant**

Vitrages fixes et fenêtres  
 ouvrant vers l'intérieur

**Janisol Arte steel  
 optimised  
 Triple insulating glazing**

Fixed lights and  
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,0 W/m²K	X
	1,6 W/m²K	X
	1,6 W/m²K	X

	Füllelementstärken Éléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	3,0 W/m²K	2,5 W/m²K
	2,6 W/m²K	2,2 W/m²K

**Janisol Arte Stahl  
 optimiert  
 Dreifach-Isolierglas**


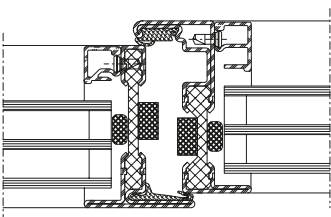
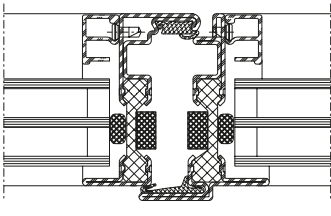
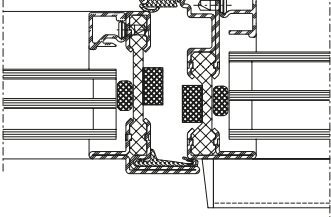
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 Fenster nach innen öffnend


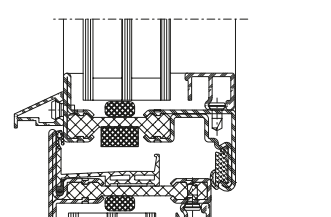
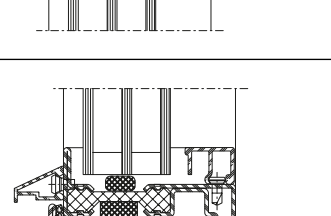
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	2,7 W/m²K	2,2 W/m²K
	2,9 W/m²K	2,4 W/m²K
	2,7 W/m²K	2,2 W/m²K

	Füllelementstärken Éléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,6 W/m²K	2,4 W/m²K
	2,6 W/m²K	2,3 W/m²K

**Janisol Arte Stahl  
 optimiert  
 Dreifach-Isolierglas**

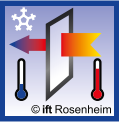
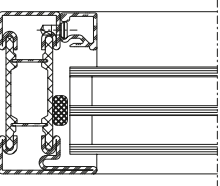
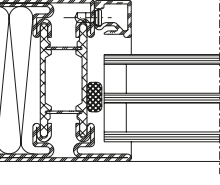
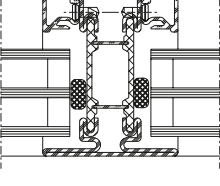
Festverglasungen und  
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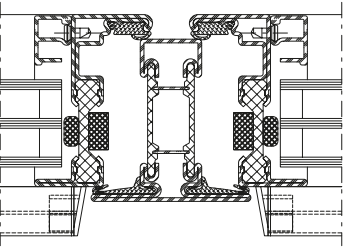
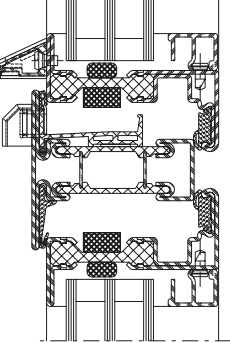
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	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
		1,6 W/m²K
		1,4 W/m²K
	1,4 W/m²K	

	Füllelementstärken Éléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
		2,7 W/m²K
		2,7 W/m²K



**Janisol Arte Stahl  
 optimiert  
 Dreifach-Isolierglas**


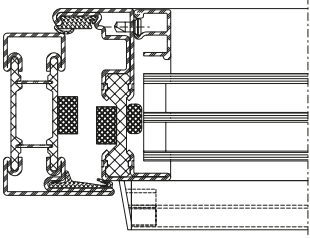
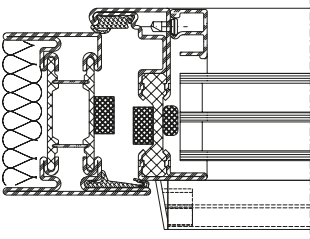
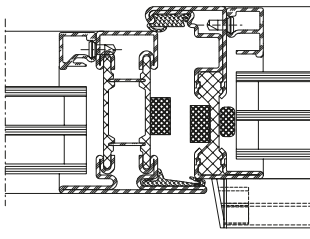
Festverglasungen und  
 Fenster nach innen öffnend

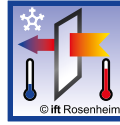
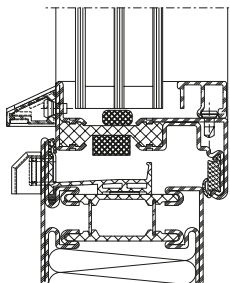
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	2,6 W/m²K	2,2 W/m²K
	2,3 W/m²K	1,9 W/m²K
	2,4 W/m²K	2,0 W/m²K

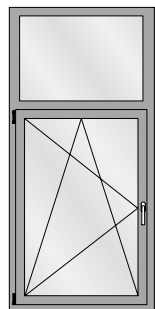
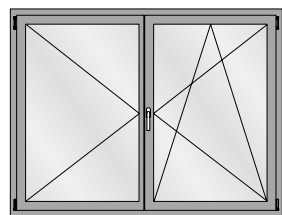
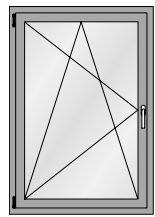
	Füllelementstärken Eléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,3 W/m²K	2,0 W/m²K



## Schalldämmung

### Ausführungsvarianten

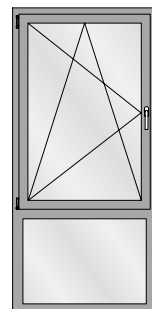
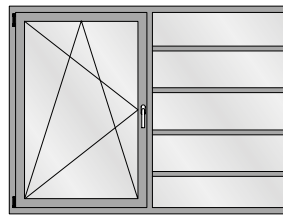
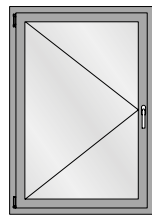
Die nachfolgende Typenübersicht ergibt einen Überblick über die beurteilten Varianten.



## Isolation phonique

### Modèles

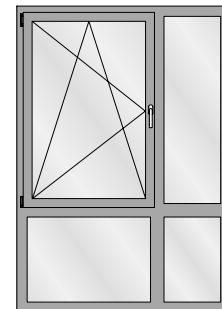
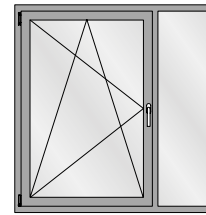
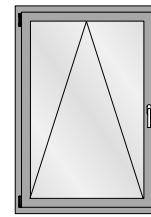
L'aperçu des types suivant fournit une vue d'ensemble des variantes examinées.



## Sound insulation

### Design range

The following overview of types provides an overview of the evaluated designs.



**Tabelle**

Korrekturtabelle für Janisol Arte 66 Fenster mit Mehrscheiben-Isolierglas

**Tableau A1**

Tableau de correction pour les fenêtres Janisol Arte 66 avec vitrage isolant multi-vitres

**Table A1**

Correction table for Janisol Arte 66 windows with multi-pane insulating glass

	1	2	7	8	9	10	12	13	14	
	<b>Fenster</b> <b>Fenêtre</b> <b>Window</b>	<b>Glas</b> <b>Verre</b> <b>Glass</b>	<b>Korrekturen</b> <b>Corrections</b> <b>Corrections</b>							
	$R_{W, Fenster}$ dB	$R_{W, P, Glas}$ dB	$K_{FF}$ dB	$K_{G 0,4}$ dB	$K_{GK 0,7/A1,0}$ dB	$K_{GK 1,1/A1,8}$ dB	$K_{G 1,8}$ dB	$K_{G 2,9}$ dB	$K_{G 3,7}$ dB	
1	29	28	0	0	-2	-2	-2	-3	-4	
2	30	29	0	0	-2	-2	-2	-3	-4	
3	31	30	0	0	-2	-2	-2	-3	-4	
4	32	31	0	0	-2	-2	-2	-3	-4	
5	33	32	0	0	-2	-2	-2	-3	-4	
6	33	33	0	0	-2	-2	-2	-3	-4	
7	34	34	0	0	-2	-2	-2	-3	-4	
8	35	35	0	0	-2	-2	-2	-3	-4	
9	36	36	0	0	-2	-2	-2	-3	-4	
10	37	37	0	0	-2	-2	-2	-3	-4	
11	38	38	0	0	-2	-2	-2	-3	-4	
12	39	39	0	0	-2	-2	-2	-3	-4	
13	40	40	0	0	-2	-2	-2	-4	-4	
14	41	41	0	-1	-2	-2	-2	-4	-4	
15	42	42	0	-1	-2	-2	-2	-4	-4	
16	43	43	0	-2	-2	-2	-2	-4	-4	
17	44	44	0	-2	-2	-2	-2	-4	-4	
18	45	45	0	-3	-3	-3	-2	-4	-4	
19	45	46	0	-4	-3	-3	-4	-5	-5	
20	46	47	+1	-4	-3	-3	-5	-5	-6	
21	46	48	+1	-5	-3	-3	-5	-5	-6	
22	47	49	+2	-5	-3	-3	-5	-5	-6	

Der aus der Tabelle A1 abzulesende Wert für die Schalldämmung  $R_{W, Fenster}$  beträgt:

La valeur à relever sur le tableau A1 concernant l'isolement contre les sons aériens  $R_{W, Fenêtre}$  est la suivante:

The value taken from table A1 for the sound insulation  $R_{W, Window}$  is:

$$R_{W, Fenster} = R_W + K_{FF} + K_{G 0,4} + K_{GK 0,7/A1,0} + K_{GK 1,1/A1,8} + K_{G 1,8} + K_{G 2,9} + K_{G 3,7} \text{ dB}$$

$K_{FF}$	Korrekturwert für Festverglasungen	$K_{FF}$	Valeur de correction pour vitrages fixes	$K_{FF}$	Correction value for fixed glazings
$K_{G 0,4}$	Korrekturwert für Einzelscheiben $\leq 0,4 \text{ m}^2$ .	$K_{G 0,4}$	Valeur de correction pour vitres individuelles $\geq 0,4 \text{ m}^2$	$K_{G 0,4}$	Correction value for single panes $\leq 0,4 \text{ m}^2$ .
$K_{GK 0,7/A1,0}$	Korrekturwert für Elemente mit Einzelscheiben mit einer Kantenlänge $\leq 0,7 \text{ m}$ und einer Fläche $\geq 1,0 \text{ m}^2$	$K_{GK 0,7/A1,0}$	Valeur de correction pour éléments à vitre individuelle avec une longueur de bord $\leq 0,7 \text{ m}$ et une surface $\geq 1,0 \text{ m}^2$	$K_{GK 0,7/A1,0}$	Correction value for units with single panes with an edge length $\leq 0.7 \text{ m}$ and an area $\geq 1.0 \text{ m}^2$
$K_{GK 1,1/A1,8}$	Korrekturwert für Elemente mit Einzelscheiben mit einer Kantenlänge $\leq 1,1 \text{ m}$ und einer Fläche $\geq 1,8 \text{ m}^2$ und $\leq 3,4 \text{ m}^2$	$K_{GK 1,1/A1,8}$	Valeur de correction pour éléments à vitre individuelle avec une longueur de bord $\leq 1,1 \text{ m}$ et une surface $\geq 1,8 \text{ m}^2$ et $\leq 3,4 \text{ m}^2$	$K_{GK 1,1/A1,8}$	Correction value for units with single panes with an edge length $\leq 1.1 \text{ m}$ and an area $\geq 1.8 \text{ m}^2$ and $\leq 3.4 \text{ m}^2$
$K_{G 1,8}$	Korrekturwert für Einzelscheiben mit einer Glasfläche $\geq 1,8 \text{ m}^2$	$K_{G1,8}$	Valeur de correction pour vitres individuelles avec surface vitrée $\geq 1,8 \text{ m}^2$	$K_{G1,8}$	Correction value for single panes with a glass area $\geq 1,8 \text{ m}^2$
$K_{G 2,9}$	Korrekturwert für Einzelscheiben mit einer Glasfläche $\geq 2,9 \text{ m}^2$	$K_{G2,9}$	Valeur de correction pour vitres individuelles avec surface vitrée $\geq 2,9 \text{ m}^2$	$R_{G2,9}$	Correction value for single panes with a glass area $\geq 2,9 \text{ m}^2$
$K_{G3,7}$	Korrekturwert für Einzelscheiben mit einer Glasfläche $\geq 3,7 \text{ m}^2$ und $\leq 5,5 \text{ m}^2$	$R_{G3,7}$	Valeur de correction pour vitres individuelles avec surface vitrée $\geq 3,7 \text{ m}^2$ et $\leq 5,5 \text{ m}^2$	$R_{G3,7}$	Correction value for single panes with a glass area $\geq 3,7 \text{ m}^2$ and $\leq 5,5 \text{ m}^2$



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Bei der Überprüfung, der spezifischen Planung und der Umsetzung sind die objektspezifischen Rahmenbedingungen (Material der Bausubstanz, Dimension des Einbauelements, Farbe, Exposition, Lasteinwirkung, etc.) sowie der geltende Stand der Technik einschliesslich aller anwendbaren Normen und technischen Richtlinien eigenverantwortlich zu beachten.

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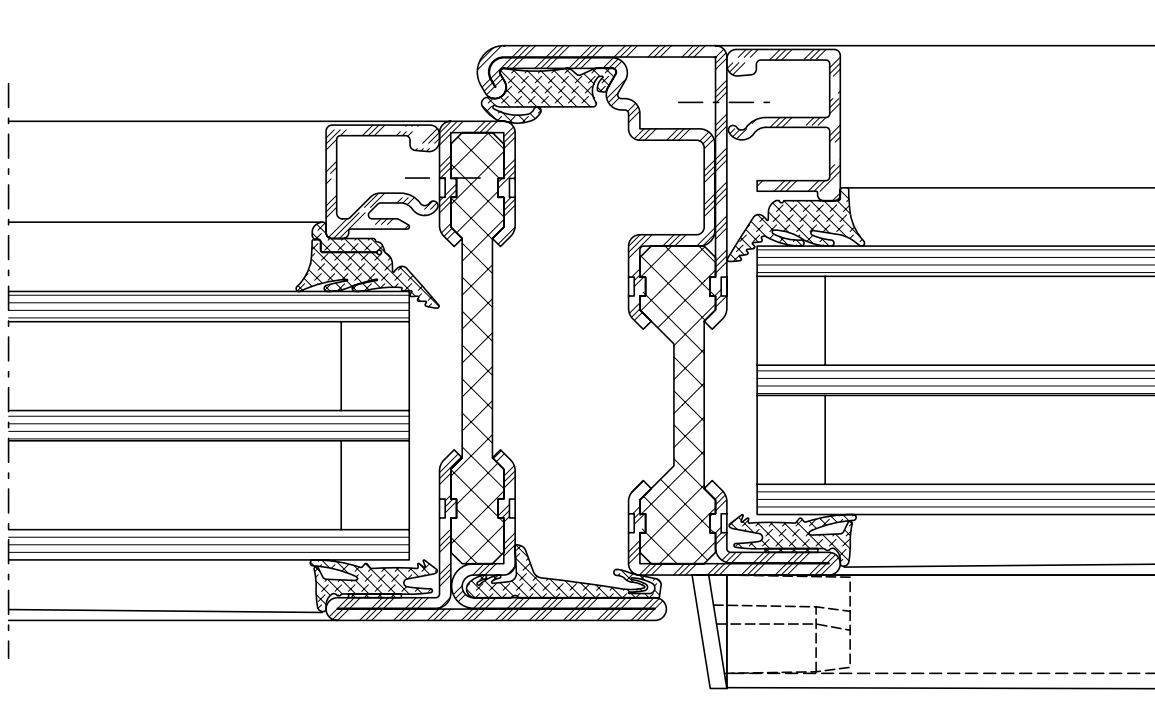
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<b>Profilsortiment</b>	<b>Assortiment de profilé</b>	<b>Range of profiles</b>	<b>8</b>
<b>Beispiele</b>	<b>Exemples</b>	<b>Examples</b>	<b>14</b>
Schnittpunkte Konstruktionsdetails Anschlüsse am Bau	Coupes de détails Détails de construction Raccords au mur	Section details Construction details Attachment to structure	
<b>Leistungseigenschaften</b>	<b>Caractéristiques de performance</b>	<b>Performance characteristics</b>	<b>32</b>

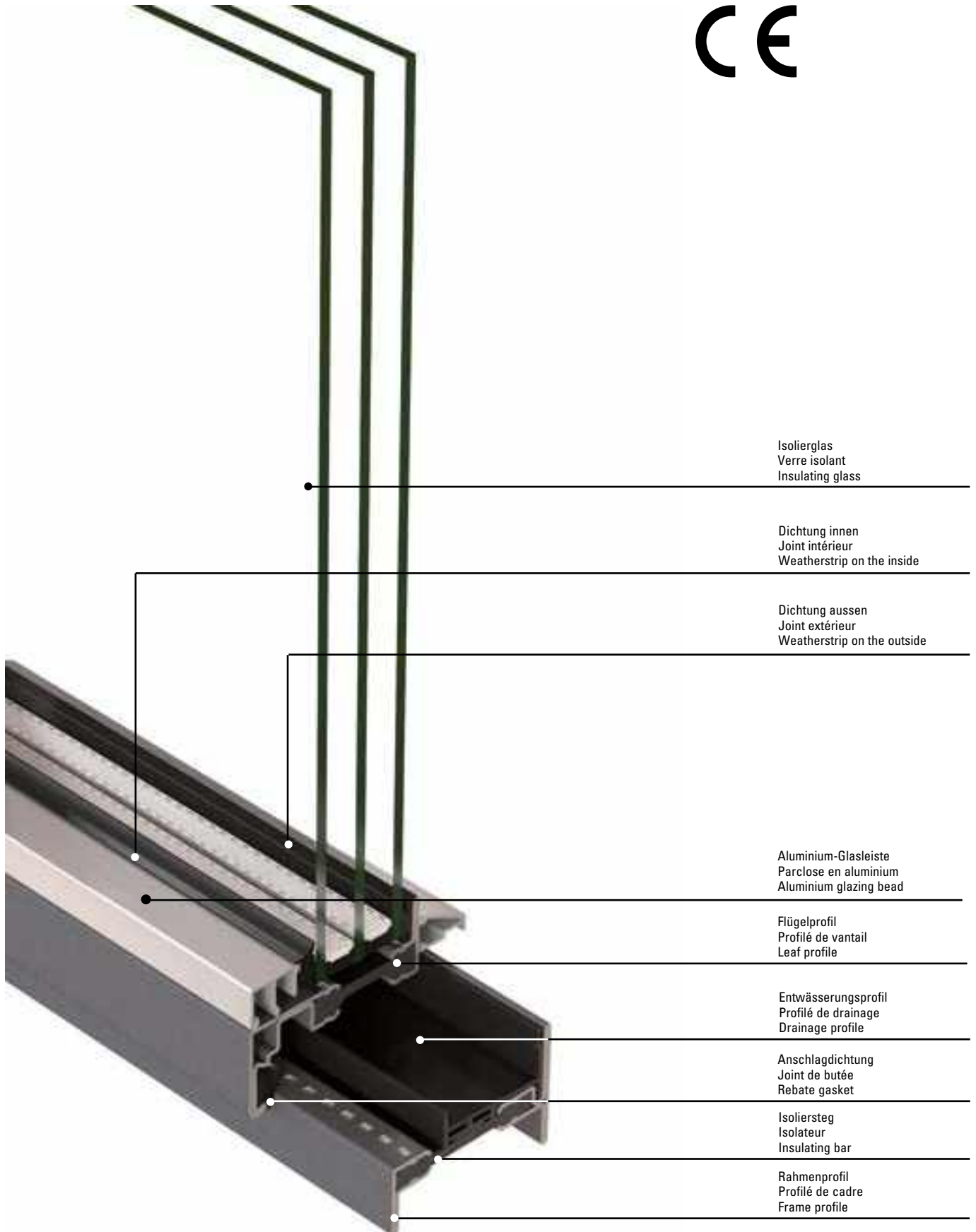













**Merkmale**  
**Caractéristiques**  
**Characteristics**

Janisol Arte 66  
Janisol Arte 66  
Janisol Arte 66

- Wärmegeädämmtes Stahlsystem für Fenster und Festverglasungen
- Bautiefe 60/66 mm, Fensterflügel 70 mm
- Schmale Ansichtsbreiten: Fenstersprossen 40 mm Rahmen inkl. Flügel ab 53 mm Stulppartie 76 mm
- Ein- und zweiflüglige Dreh- und Drehkippenfenster und Kippenfenster nach innen öffnend
- Dreh- und Drekippen-Fensterflügel bis 2300 mm Höhe
- Flügelgewichte bis 180 kg
- Füllelementstärken von 15 bis 44 mm, Glaseinbau mittels Trocken- oder Nassverglasung
- Systemprüfungen nach Produktnorm EN 14351-1
- Profil-Verbundtechnik nach EN 14024 und DIN 18056 geprüft
- Geeignet für Pulver- und Nasslackbeschichtungen
- Oberfläche ZF 100 für ein optimiertes Schweissverhalten
- Système en acier à rupture de pont thermique pour fenêtres et vitrages fixes
- Profondeur de montage 60/66 mm, vantail de fenêtre 70 mm
- Fines largeurs de face: Meneau de fenêtre 40 mm Cadre avec vantail à partir de 53 mm Partie tête 76 mm
- Fenêtres ouvrant à la française et oscillo-battantes à un et deux vantaux et fenêtres à soufflet à ouverture vers l'intérieur
- Vantaux à la française et oscillo-battants jusqu'à 2300 mm hauteur
- Poids de vantail jusqu'à 180 kg
- Éléments de remplissage de 15 à 44 mm d'épaisseur, montage du vitrage à sec ou au silicone
- Contrôles des systèmes selon la norme produit EN 14351-1
- Technique d'assemblage de profilés contrôlée selon EN 14024 et DIN 18056
- Convient aux revêtements par poudre ou peinture liquide
- Surface ZF 100 pour un comportement au soudage optimisé
- Thermally insulated steel system for windows and fixed glazing
- Basic depth 60/66 mm, window vent 70 mm
- Narrow face widths: Window sash bars 40 mm Frame including vent from 53 mm Double vent assembly 76 mm
- Single and double-vent side-hung and turn/tilt windows and bottom-hung windows, inward-opening
- Side-hung and turn/tilt window vents up to 2300 mm height
- Vent weights up to 180 kg
- Infill unit thicknesses from 15 to 44 mm, glazing installed by means of dry or wet glazing
- System tests in accordance with the product standard EN 14351-1
- Profile bonding technology tested in accordance with EN 14024 and DIN 18056
- Suitable for powder and wet paint coating
- ZF 100 surface finish for optimised welding characteristics





Norm	Eigenschaft Caractéristique Characteristic	Klassifizierung / Wert Classification / Valeur Classification / Value										
 EN 12210	<b>Widerstandsfähigkeit bei Windlast</b> <b>Résistance à la pression du vent</b> <b>Resistance to wind load</b>	npd	C1 (400)	C2 (800)	C3 (1200)	C4 (1600)	C5 (2000)					
 EN 12208	<b>Schlagregendichtheit</b> <b>Étanchéité à la pluie battante</b> <b>Watertightness</b>	npd	1A (0)	2A (50)	3A (100)	4A (150)	5A (200)	6A (250)	7A (300)	8A (450)	9A (600)	Exxx (>750)
 EN ISO 10140	<b>Schalldämmung</b> $R_w$ ( $C$ , $C_{tr}$ ) (dB) <b>Isolation phonique</b> $R_w$ ( $C$ , $C_{tr}$ ) (dB) <b>Sound insulation</b> $R_w$ ( $C$ , $C_{tr}$ ) (dB)	npd	bis $R_w$ 47 dB (-2; -7) jusqu'à $R_w$ 47 dB (-2; -7) up to $R_w$ 47 dB (-2; -7)									
 EN ISO 10077-2	<b>Wärmedurchgangskoeffizient</b> $U_f$ (W/(m <sup>2</sup> ·K)) <b>Transmission thermique</b> $U_f$ (W/(m <sup>2</sup> ·K)) <b>Thermal production</b> $U_f$ (W/(m <sup>2</sup> ·K))	npd	ab 1,6 W/m <sup>2</sup> ·K à partir de 1,6 W/m <sup>2</sup> ·K from 1,6 W/m <sup>2</sup> ·K									
 EN 12207	<b>Luftdurchlässigkeit</b> <b>Perméabilité à l'air</b> <b>Air permeability</b>	npd	1 (150)	2 (300)	3 (600)	4 (600)						
 EN 14351-1	<b>Tragfähigkeit von Sicherheitsvorrichtungen</b> <b>Capacité portante des dispositifs de sécurité</b> <b>Load-bearing capacity of safety devices</b>	npd	Anforderung erfüllt Exigence remplie Requirement satisfied									
 EN 13115	<b>Mechanische Festigkeit</b> <b>Résistance mécanique</b> <b>Mechanical strength</b>	npd	1	2	3	4						
 EN 13115	<b>Bedienkräfte</b> <b>Forces de manœuvre</b> <b>Operating forces</b>	npd	0	1	2							
 EN 13049	<b>Stoßfestigkeit</b> <b>Résistance aux chocs</b> <b>Impact resistance</b>	npd	1	2	3	4	5					
 EN 14024	<b>Metallprofile mit thermischer Trennung</b> <b>Profils en métal. avec rupture de pont thermique</b> <b>Metal profiles with thermal barrier</b>	CW / TC2 / A										
 DIN 18008-4	<b>Vorgefertigte absturzsichernde Verglasung</b> <b>Vitrage anti-chutes préfabriqué</b> <b>Prefabricated glazing suitable for safety barrier loading</b>											Anhang D.1.2 erfüllt Annexe D.1.2 satisfaite Appendix D.1.2 fulfilled

npd = keine Leistung festgestellt  
(no performance determined)

npd = aucune performance  
déterminée  
(no performance determined)

npd = no performance determined

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## Information and advice

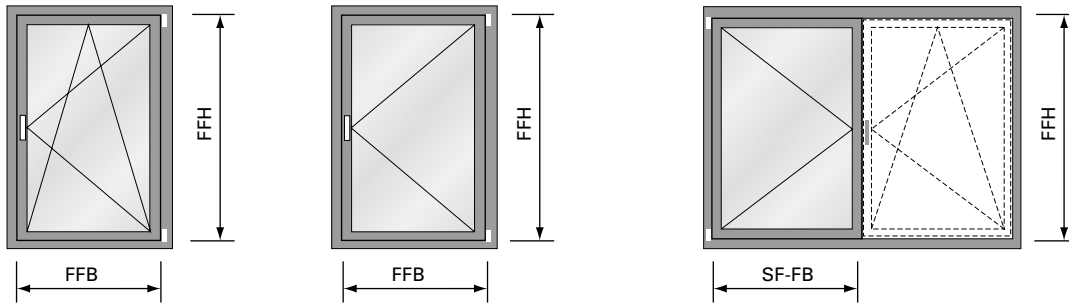
We would be delighted to provide you with advice in person and are available to answer any questions you may have. Please write to us with your queries at: [info@jansen.com](mailto:info@jansen.com)

**Technische Daten****Caractéristiques techniques****Technical data**

Janisol Arte 66

Janisol Arte 66

Janisol Arte 66

*Flügelgrößen**Drehkipp-, Drehfenster und Stulpfenster:*

Max.	FFH = 2300 mm
	FFB = 1400 mm
Min.	FFH = 470 mm
	FFB = 480 mm

Max. Gewicht:	180 kg
FFB/FFH:	≤ 2
max. Fläche:	2,3 m <sup>2</sup>

*Grandeurs du vantail**fenêtre oscillo-battante, à la française et fenêtre à deux vantaux:*

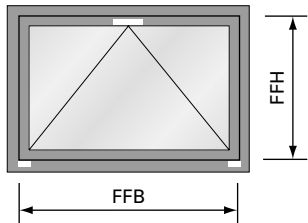
Max.	FFH = 2300 mm
	FFB = 1400 mm
Min.	FFH = 470 mm
	FFB = 480 mm

Poids max.:	180 kg
FFB/FFH:	≤ 2
Surface max:	2,3 m <sup>2</sup>

*Size of vents**turn/tilt, side-hung and double-vent windows:*

Max.	FFH = 2300 mm
	FFB = 1400 mm
Min.	FFH = 470 mm
	FFB = 480 mm

Max. weight:	180 kg
FFB/FFH:	≤ 2
max. surface:	2,3 m <sup>2</sup>

*Flügelgröße**Kipp-Fenster:*

Max.	FFH = 2300 mm
	FFB = 2300 mm
Min.	FFH = 600 mm
	FFB = 445 mm

Max. Gewicht:	80 kg
---------------	-------

*Grandeur du vantail**fenêtre à soufflet:*

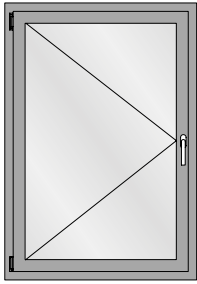
Max.	FFH = 2300 mm
	FFB = 2300 mm
Min.	FFH = 600 mm
	FFB = 445 mm

Poids max.:	80 kg
-------------	-------

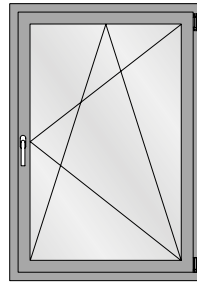
*Size of vent**bottom-hung window:*

Max.	FFH = 2300 mm
	FFB = 2300 mm
Min.	FFH = 600 mm
	FFB = 445 mm

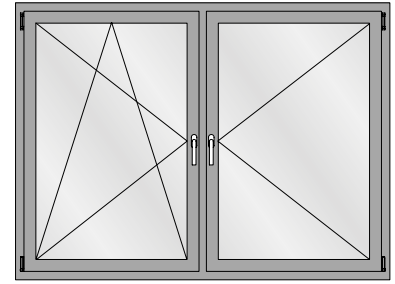
Max. weight:	80 kg
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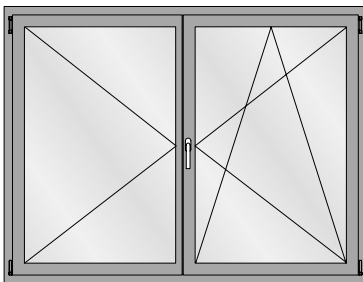
Drehflügel  
 Fenêtre à la française  
 Side-hung window



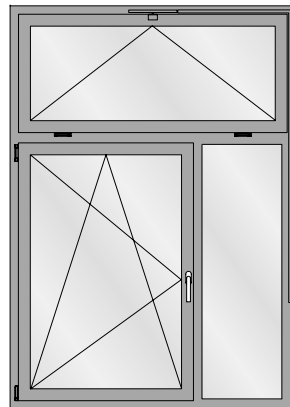
Drehkipp-Flügel  
 Vantail oscillo-battant  
 Turn/tilt window



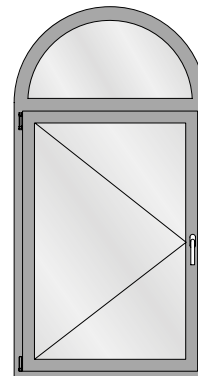
Drehkipp/Drehflügel (mit Pfosten)  
 Vantail oscillo-battant/fenêtre à la française  
 (avec montant)  
 Side-hung/turn/tilt window (with mullion)



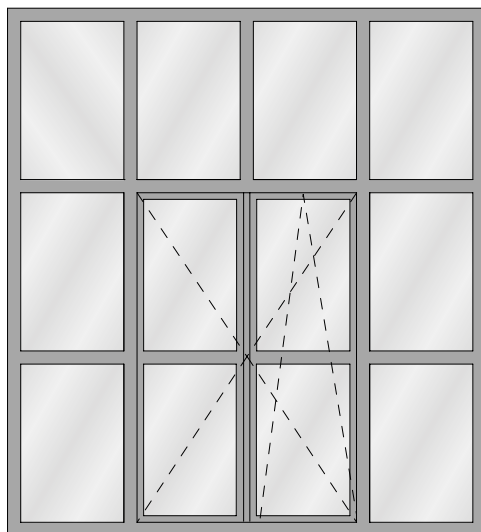
Stulpfenster  
 Fenêtre à deux vantaux  
 Double leaf window



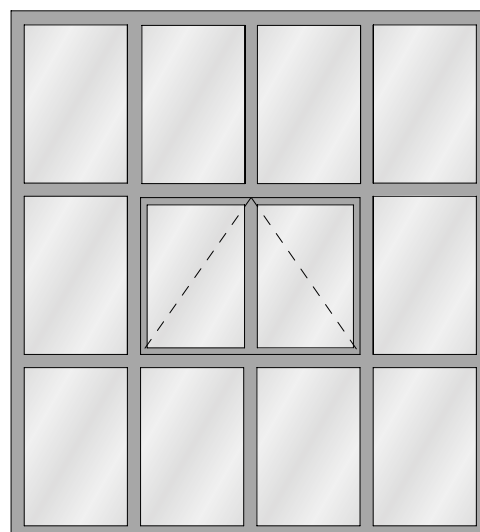
Fenster Drehkipp mit Oberlicht  
 Vantail oscillo-battant avec imposte  
 Window, turn/tilt with top light



Einflügeliges Fenster mit Rundbogen-Oberlicht  
 Fenêtre à la française avec imposte demi-rond  
 Side hung window with round arched top light

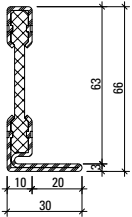


Drehkipp-Flügel mit Festverglasung  
 Vantail oscillo-battant avec vitrage fixe et imposte  
 Turn/tilt window with fixed lights and top lights



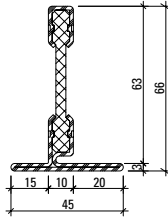
Kippfenster  
 Fenêtre à soufflet  
 Bottom-hung window

**Profile mit Lappen 20 mm**  
**(Rahmen Drehkipp-Fenster)**

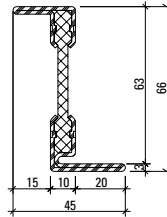


**601.630 Z**  
**601.630.09**

**Profilés avec battue 20 mm**  
**(cadre fenêtre oscillo-battante)**

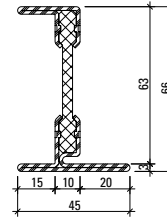


**602.630 Z**  
**602.630.09**

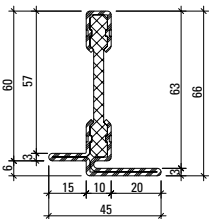


**603.630 Z**  
**603.630.09**

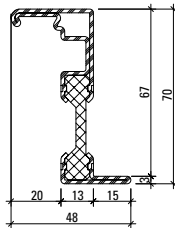
**Profiles with lips, 20 mm**  
**(turn/tilt window frame)**



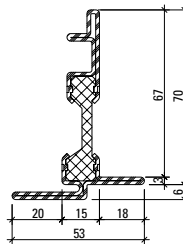
**605.630 Z**  
**605.630.09**



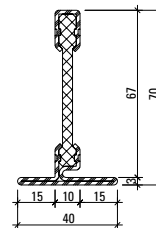
**602.631 Z**  
**602.631.09**



**610.900 Z**  
**610.900.09**

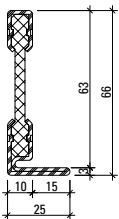


**610.901 Z**  
**610.901.09**



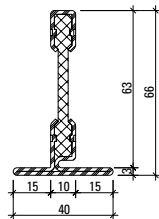
**602.611.7 Z**  
**602.611.79**

**Profile mit Lappen 15 mm**  
**(Festverglasungen)**

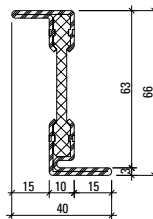


**601.612 Z**

**Profilés avec battue 15 mm**  
**(Vitrages fixes)**

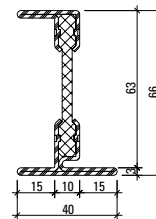


**602.613 Z**



**603.612 Z**  
**603.612.01**  
**603.612.09**

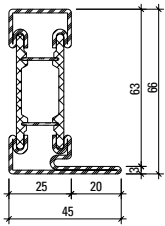
**Profiles with lips 15 mm**  
**(Fixed glazings)**



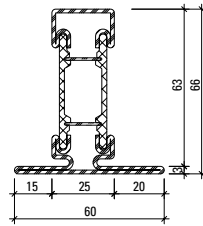
**605.612 Z**

Profil-Nr.	G kg/m	I <sub>x</sub> cm <sup>4</sup>	W <sub>x</sub> cm <sup>3</sup>	I <sub>y</sub> cm <sup>4</sup>	W <sub>y</sub> cm <sup>3</sup>	U m <sup>2</sup> /m
<b>601.630 Z</b>	2,276	9,63	2,12	1,37	0,65	0,214
<b>602.630 Z</b>	2,615	10,65	2,20	2,42	1,02	0,243
<b>603.630 Z</b>	2,619	14,84	3,93	2,42	1,02	0,243
<b>605.630 Z</b>	2,958	16,83	4,05	3,19	1,24	0,272
<b>602.631 Z</b>	2,609	10,11	2,14	2,41	1,01	0,242
<b>602.611.7 Z</b>	2,353	11,85	2,35	1,68	0,84	0,241

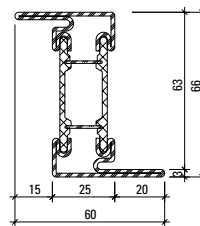
Profil-Nr.	G kg/m	I <sub>x</sub> cm <sup>4</sup>	W <sub>x</sub> cm <sup>3</sup>	I <sub>y</sub> cm <sup>4</sup>	W <sub>y</sub> cm <sup>3</sup>	U m <sup>2</sup> /m
<b>601.612 Z</b>	2,159	9,23	2,12	0,83	0,48	0,204
<b>602.613 Z</b>	2,497	10,41	2,20	1,71	0,85	0,233
<b>603.612 Z</b>	2,502	13,98	3,87	1,71	0,85	0,234
<b>605.612 Z</b>	2,840	16,21	4,02	2,35	1,07	0,262
<b>610.900 Z</b>	3,048					0,272
<b>610.901 Z</b>	3,410					0,298



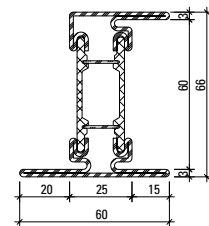
**601.632 Z**



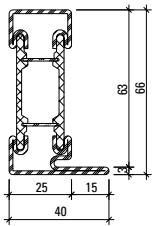
**602.632 Z**



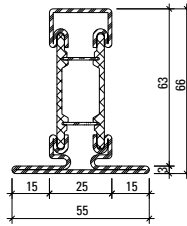
**603.632 Z**



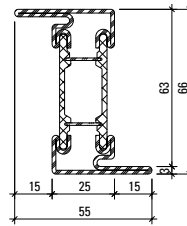
**605.632 Z**



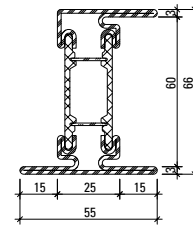
**601.645 Z**



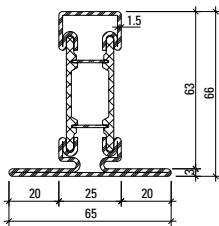
**602.645 Z**



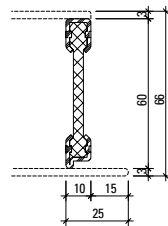
**603.645 Z**



**605.645 Z**



**602.633 Z**



**600.612 Z**

**Oberfläche/Werkstoff**

Artikel-Nr.

**mit Z** = bandverzinkter Stahl

**Werkstoff 1.4401 (AISI 316)**

mit 01 = blank

mit 03 = geschliffen, Korn 220-240

**Werkstoff**

mit x9 = Stahl KB DOCOL 355W  
(Corten)

Edelstahl geschliffen auf Anfrage

**Surface/Matériau**

No. d'article

**avec Z** = bande d'acier zinguée

**Matériau 1.4401 (AISI 316)**

avec 01 = brut

avec 03 = polies, grain 220-240

**Matériau**

avec x9 = acier KB DOCOL 355W  
(Corten)

Acier Inox polie sur demande

**Surface/Material**

Part no.

**with Z** = strip galvanised steel

**Material 1.4401 (AISI 316)**

with 01 = bright

with 03 = polished, grain 220-240

**Material**

with x9 = steel KB DOCOL 355W  
(Corten)

Stainless steel polished on request

Profil-Nr.	G kg/m	I <sub>x</sub> cm <sup>4</sup>	W <sub>x</sub> cm <sup>3</sup>	I <sub>y</sub> cm <sup>4</sup>	W <sub>y</sub> cm <sup>3</sup>	U m <sup>2</sup> /m
<b>601.632 Z</b>	3,217	16,98	4,21	4,70	1,67	0,249
<b>601.645 Z</b>	3,100	16,29	4,16	3,70	1,52	0,239
<b>602.632 Z</b>	3,701	19,13	4,34	7,15	2,28	0,290
<b>602.645 Z</b>	3,584	18,63	4,31	5,88	2,14	0,280
<b>603.632 Z</b>	3,700	22,63	6,61	7,16	2,28	0,290

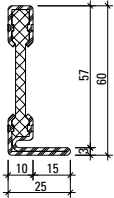
Profil-Nr.	G kg/m	I <sub>x</sub> cm <sup>4</sup>	W <sub>x</sub> cm <sup>3</sup>	I <sub>y</sub> cm <sup>4</sup>	W <sub>y</sub> cm <sup>3</sup>	U m <sup>2</sup> /m
<b>603.645 Z</b>	3,583	21,56	6,53	5,88	2,14	0,280
<b>605.632 Z</b>	4,184	26,12	6,83	9,02	2,68	0,331
<b>605.645 Z</b>	4,067	25,31	6,78	7,54	2,53	0,321
<b>602.633 Z</b>	3,819	19,58	4,37	8,53	2,62	0,300
<b>600.612 Z</b>	1,292	4,39	1,44	0,14	0,26	0,150



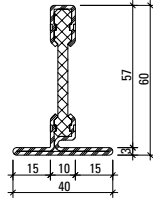
**Profile Janisol Arte 2.0**  
**(Lappen 15 mm)**

**Profilés Janisol Arte 2.0**  
**(Lappen 15 mm)**

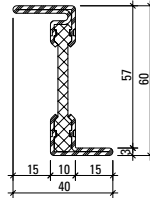
**Profiles Janisol Arte 2.0**  
**(Lappen 15 mm)**



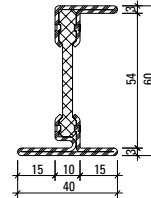
**601.611 Z**  
**601.611.01**  
**601.611.09**



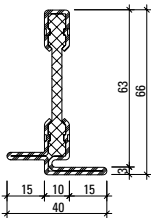
**602.611 Z**  
**602.611.01**  
**602.611.09**



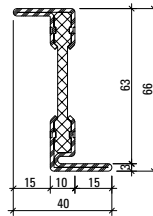
**603.611 Z**  
**603.611.01**  
**603.611.09**



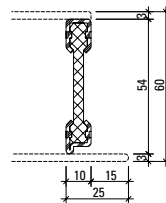
**605.611 Z**  
**605.611.01**  
**605.611.09**



**602.612 Z**  
**602.612.01**  
**602.612.09**



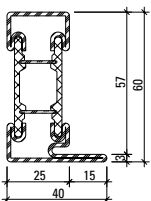
**603.612 Z**  
**603.612.01**  
**603.612.09**



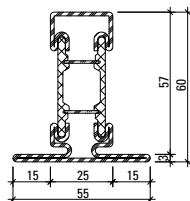
**600.609 Z**

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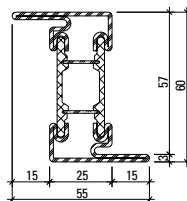
**DXF** **DWG**



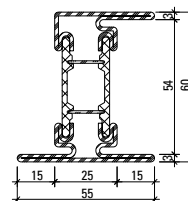
**601.615 Z**  
**601.615.09**



**602.615 Z**  
**602.615.01**  
**602.615.09**



**603.615 Z**  
**603.615.09**



**605.615 Z**  
**605.615.09**

**Stirnseitige Kennzeichnung**  
 Edelstahl (01) = Blau  
 Corten (09) = Grün

**Marquage en face avant**  
 Acier inox (01) = Bleu  
 Corten (09) = Vert

**Labelling on the front**  
 Stainless steel (01) = Blue  
 Corten (09) = Green

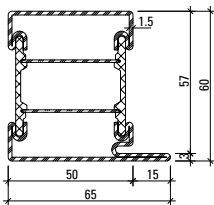
Profil-Nr.	G kg/m	I <sub>x</sub> cm <sup>4</sup>	W <sub>x</sub> cm <sup>3</sup>	I <sub>y</sub> cm <sup>4</sup>	W <sub>y</sub> cm <sup>3</sup>	U m <sup>2</sup> /m
<b>601.611 Z</b>	1,930	7,31	1,85	0,78	0,46	0,192
<b>602.611 Z</b>	2,269	11,85	2,35	1,68	0,84	0,241
<b>603.611 Z</b>	2,273	11,13	3,47	1,68	0,84	0,222
<b>605.611 Z</b>	2,612	13,04	3,60	2,31	1,05	0,251
<b>602.612 Z</b>	2,491	9,75	2,11	1,71	0,85	0,232
<b>603.612 Z</b>	2,502	13,98	3,87	1,71	0,85	0,234

Profil-Nr.	G kg/m	I <sub>x</sub> cm <sup>4</sup>	W <sub>x</sub> cm <sup>3</sup>	I <sub>y</sub> cm <sup>4</sup>	W <sub>y</sub> cm <sup>3</sup>	U m <sup>2</sup> /m
<b>600.609 Z</b>	1,242	3,39	1,23	0,14	0,26	0,138
<b>601.615 Z</b>	3,020	12,93	3,64	3,70	1,52	0,227
<b>602.615 Z</b>	3,516	14,85	3,79	5,88	2,14	0,268
<b>603.615 Z</b>	3,515	17,23	5,74	5,88	2,14	0,268
<b>605.615 Z</b>	3,999	20,27	5,97	7,53	2,53	0,309

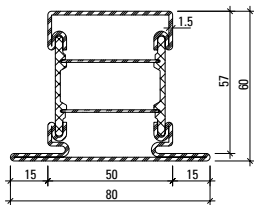
**Profile Janisol Arte 2.0**  
**(Lappen 15 mm)**

**Profilés Janisol Arte 2.0**  
**(Lappen 15 mm)**

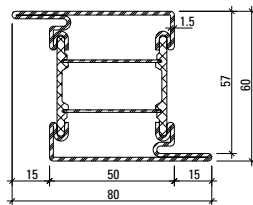
**Profiles Janisol Arte 2.0**  
**(Lappen 15 mm)**



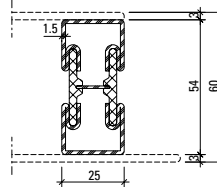
**601.616 Z**



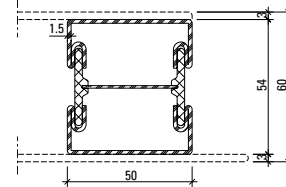
**602.616 Z**



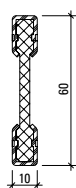
**603.616 Z**



**600.008 Z**



**600.007 Z**



**600.610 Z**

Oberfläche/Werkstoff	
Artikel-Nr.	
<b>mit Z</b>	= bandverzinkter Stahl
<b>Werkstoff 1.4401 (AISI 316)</b>	
mit 01	= blank
mit 03	= geschliffen, Korn 220-240
<b>Werkstoff</b>	
mit 09	= Stahl KB DOCOL 355W (Corten)
Edelstahl geschliffen auf Anfrage	

Surface/Matériau	
No. d'article	
<b>avec Z</b>	= bande d'acier zinguée
<b>Matériau 1.4401 (AISI 316)</b>	
avec 01	= brut
avec 03	= polies, grain 220-240
<b>Matériau</b>	
avec 09	= acier KB DOCOL 355W (Corten)
Acier Inox polie sur demande	

Surface/Material	
Part no.	
<b>with Z</b>	= strip galvanised steel
<b>Material 1.4401 (AISI 316)</b>	
with 01	= bright
with 03	= polished, grain 220-240
<b>Material</b>	
with 09	= steel KB DOCOL 355W (Corten)
Stainless steel polished on request	

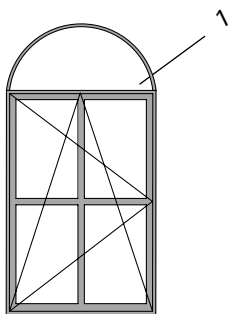
Profil-Nr.	G kg/m	I <sub>x</sub> cm <sup>4</sup>	W <sub>x</sub> cm <sup>3</sup>	I <sub>y</sub> cm <sup>4</sup>	W <sub>y</sub> cm <sup>3</sup>	U m <sup>2</sup> /m
<b>601.616 Z</b>	3,746	17,89	5,20	16,30	4,60	0,295
<b>602.616 Z</b>	4,239	20,08	5,33	22,41	5,60	0,318
<b>603.616 Z</b>	4,219	22,02	7,34	22,38	5,59	0,318
<b>600.610 Z</b>	1,532	4,94	1,65	0,18	0,36	0,151
<b>600.008 Z</b>	2,826	8,12	2,82	2,57	5,06	0,170
<b>600.007 Z</b>	3,429	12,46	4,33	13,50	5,40	0,220

**Gewichte für  
 Edelstahlprofile  
 Poids pour profilés  
 en acier Inox  
 Weights for  
 stainless steel profiles**

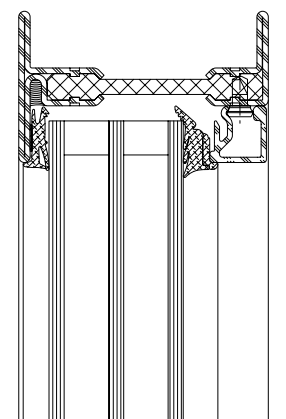
<b>601.611.01</b>	= 1,964 kg/m
<b>602.611.01</b>	= 2,311 kg/m
<b>603.611.01</b>	= 2,316 kg/m
<b>605.611.01</b>	= 2,663 kg/m
<b>602.612.01</b>	= 2,536 kg/m
<b>603.612.01</b>	= 2,548 kg/m
<b>602.615.01</b>	= 3,517 kg/m

**Bogenfenster**  
**Fenêtres cintrées**  
**Arched windows**

Janisol Arte 66  
 Janisol Arte 66  
 Janisol Arte 66



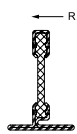
**1.0**



Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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601.612 Z	450 mm
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602.613 Z	450 mm
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Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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603.612 Z	450 mm
603.612.09	450 mm



605.612 Z	450 mm
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Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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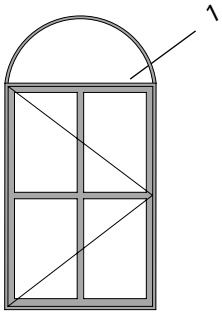
62.510 Z	300 mm
62.511 Z	300 mm
62.512 Z	300 mm



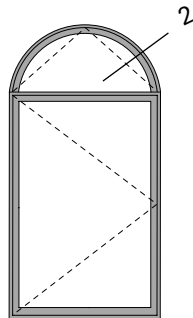
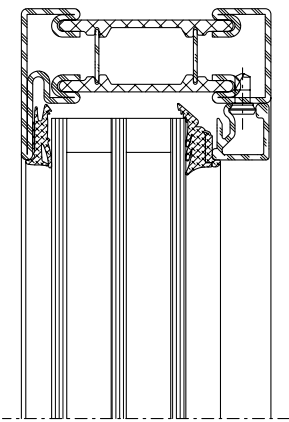
402.190 Z	300 mm
402.191 Z	300 mm
402.192 Z	300 mm



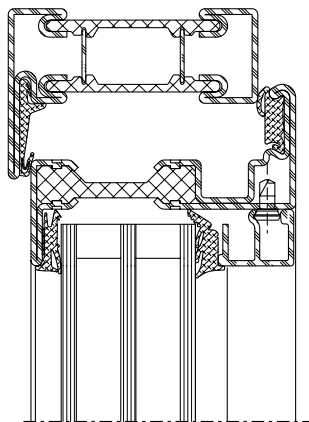
402.990	300 mm
402.991	300 mm
402.992	300 mm



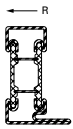
**1.0**



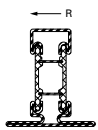
**2.0**



Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
------------------------------	---

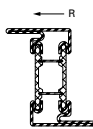


601.632 Z	600 mm
601.645 Z	600 mm

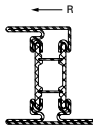


602.632 Z	600 mm
602.645 Z	600 mm
602.633 Z	600 mm

Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
------------------------------	---



603.632 Z	700 mm
603.645 Z	700 mm



605.632 Z	600 mm
605.645 Z	600 mm

Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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405.030	440 mm
405.031	440 mm
405.032	440 mm
405.033	440 mm

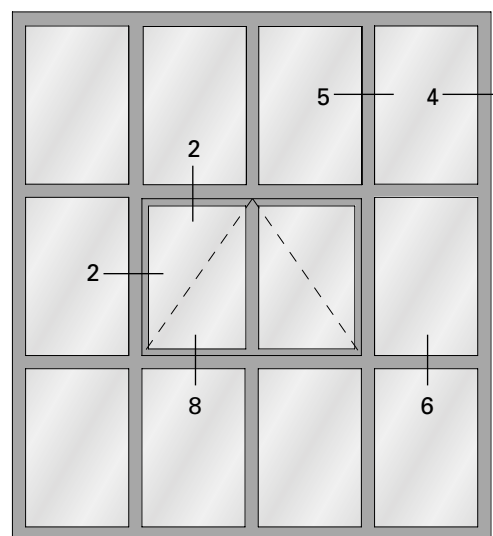
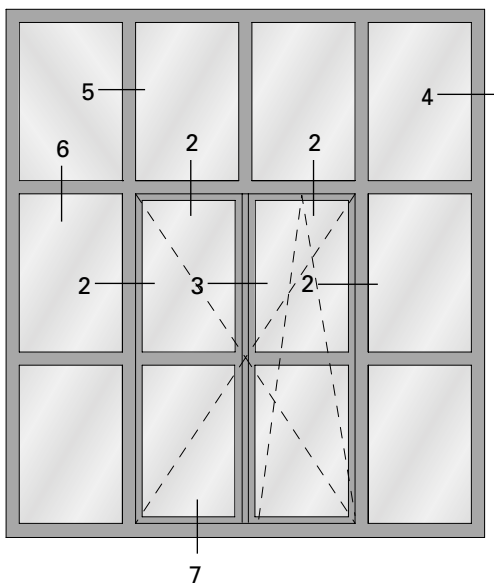
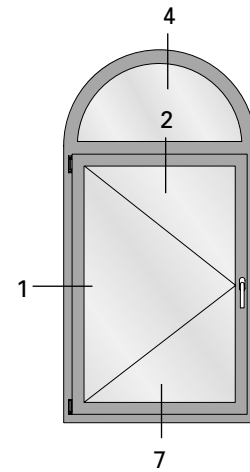
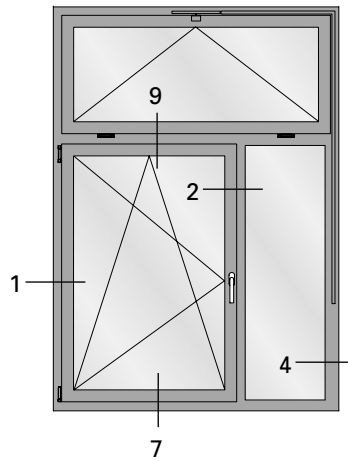
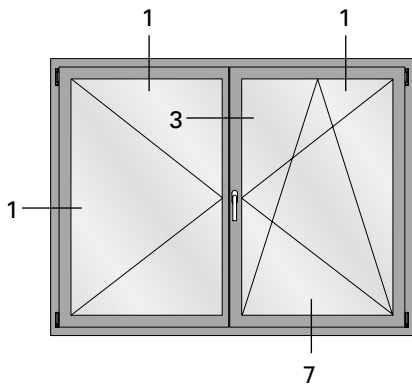
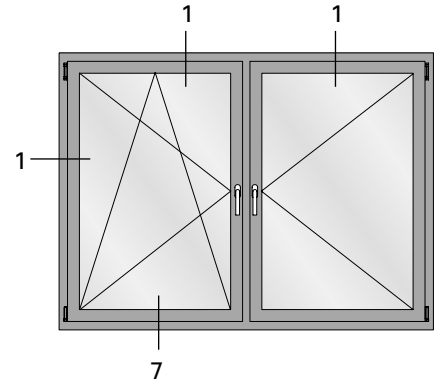
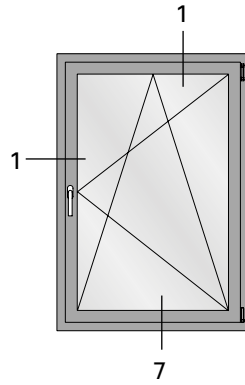
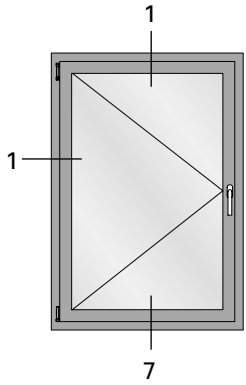
Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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406.930	300 mm
406.931	300 mm
406.932	300 mm

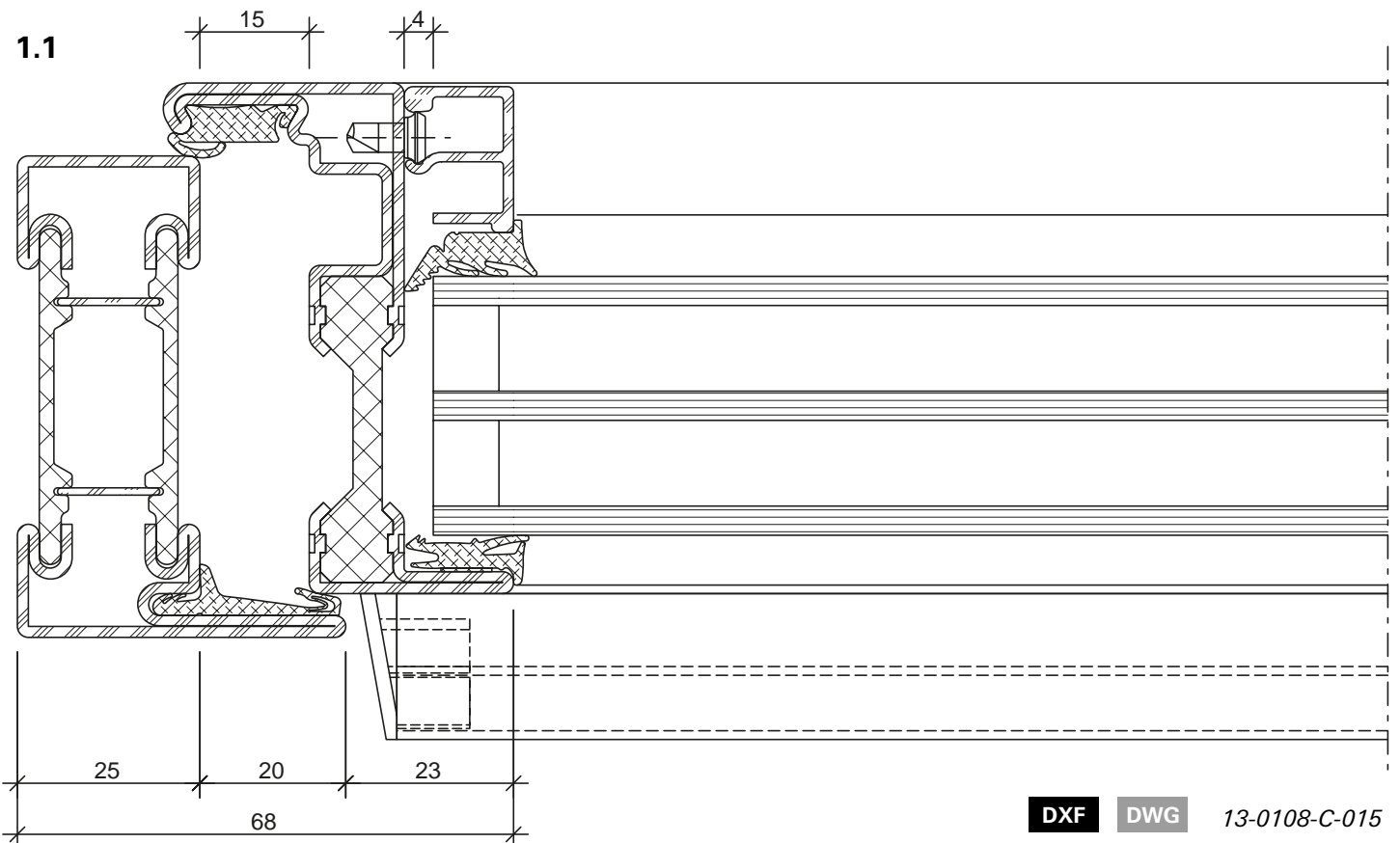
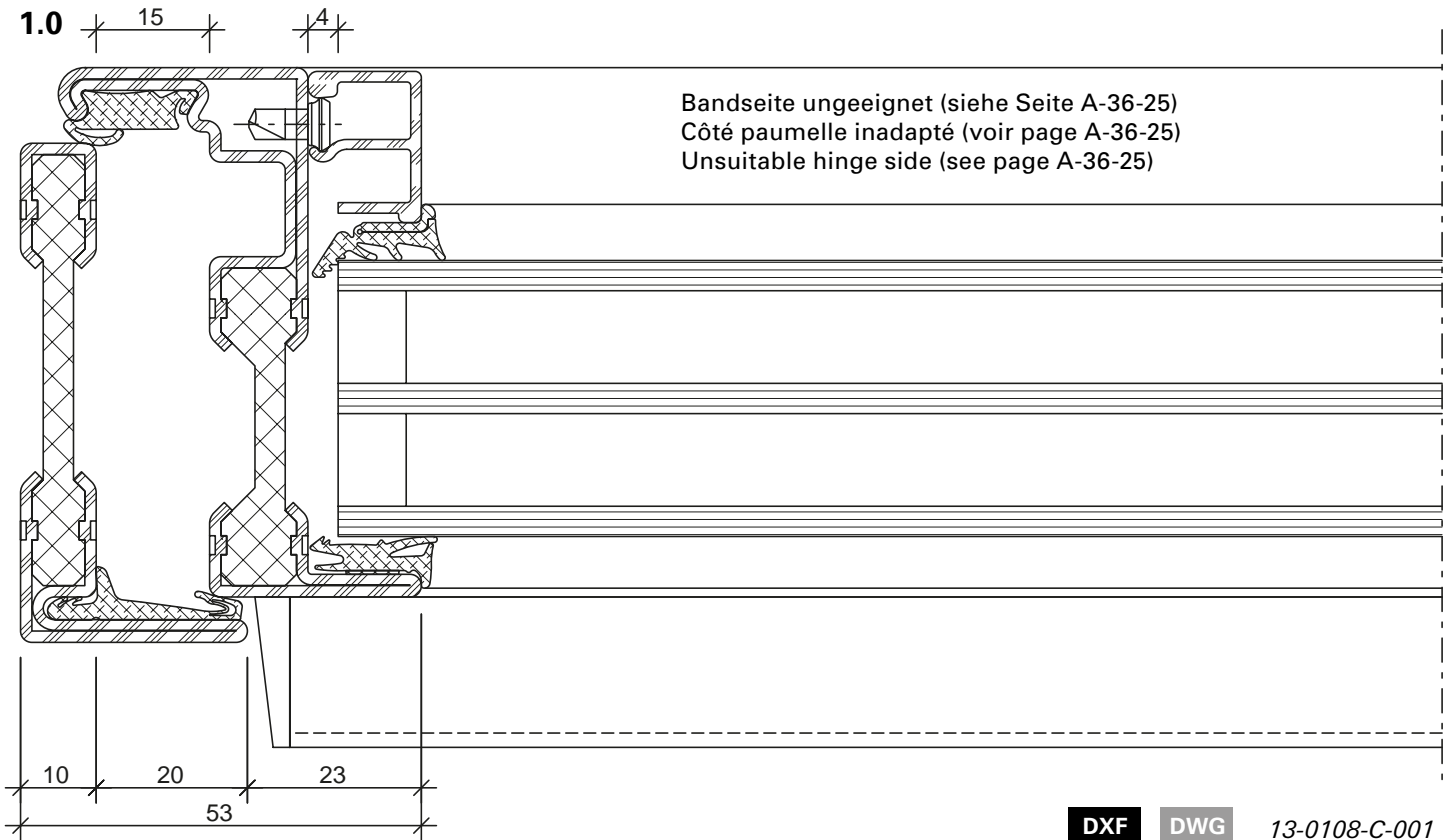
**Schnittpunkte nach innen öffnend**  
**Coupe de détails ouvrant vers l'intérieur**  
**Section details opening inwards**

Janisol Arte 66  
 Janisol Arte 66  
 Janisol Arte 66



**Schnittpunkte nach innen öffnend im Massstab 1:1**  
**Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1**  
**Section details opening inwards on scale 1:1**

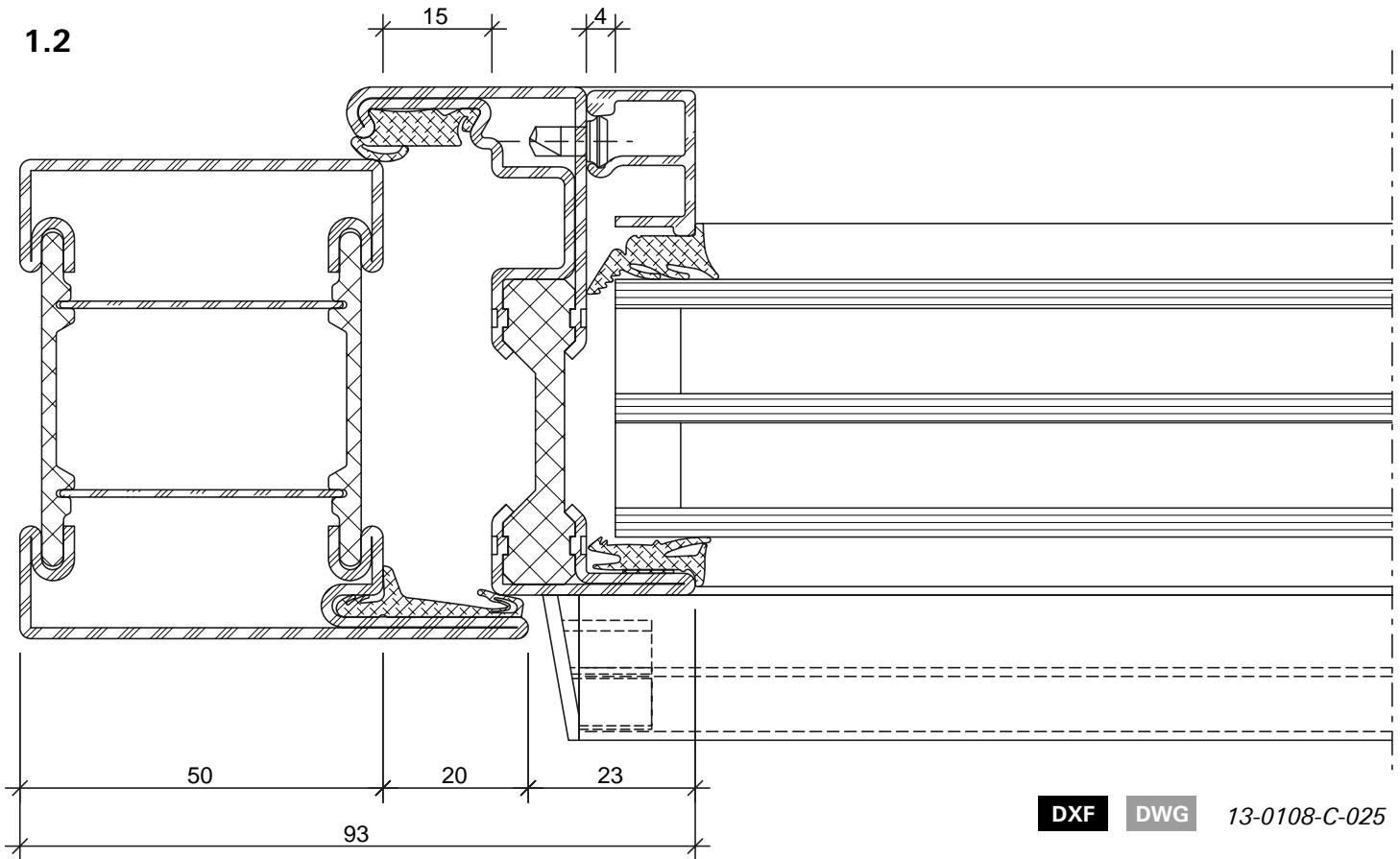
Janisol Arte 66  
Janisol Arte 66  
Janisol Arte 66



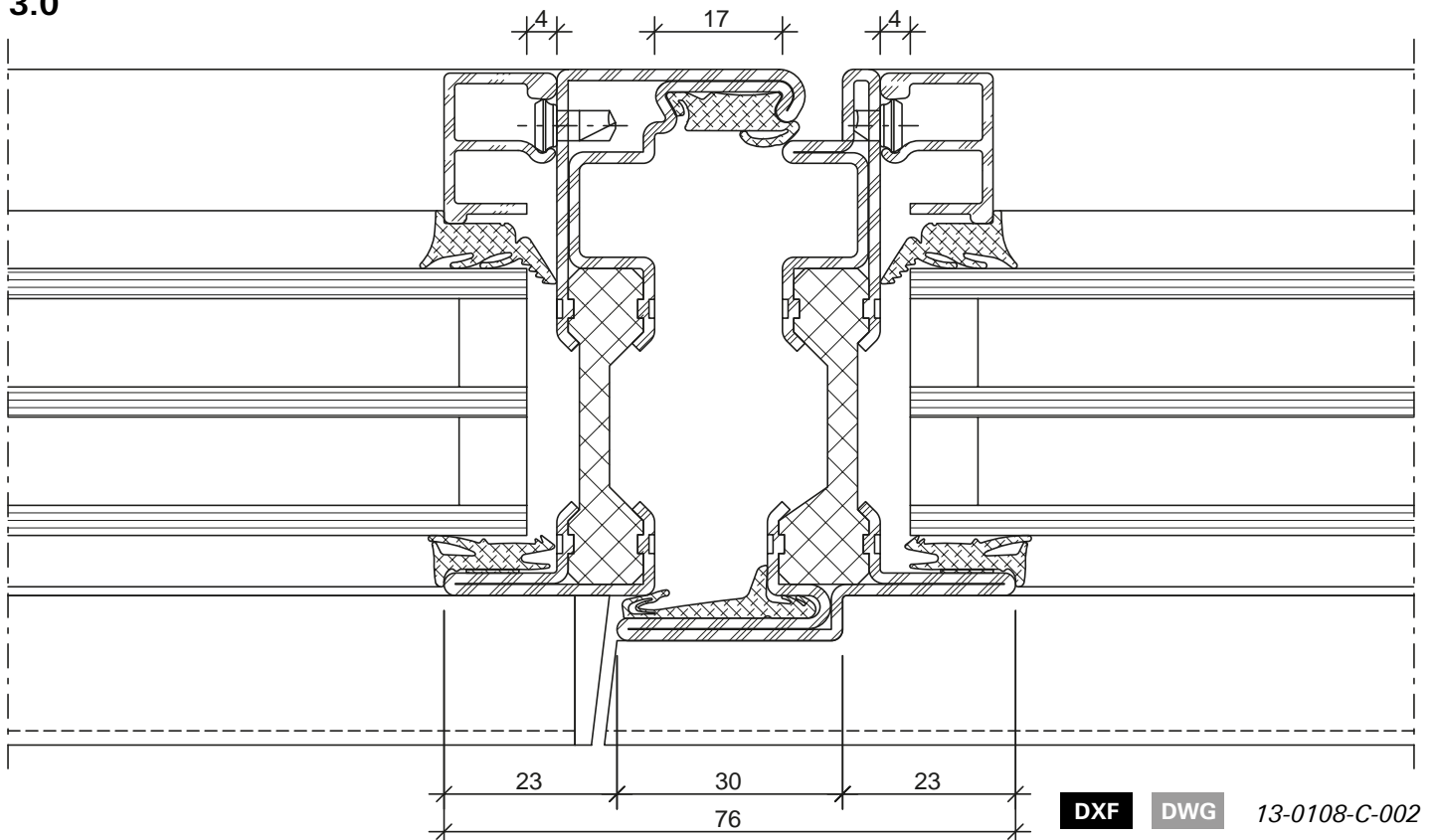
Schnittpunkte nach innen öffnend im Massstab 1:1  
Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1  
Section details opening inwards on scale 1:1

Janisol Arte 66  
Janisol Arte 66  
Janisol Arte 66

1.2



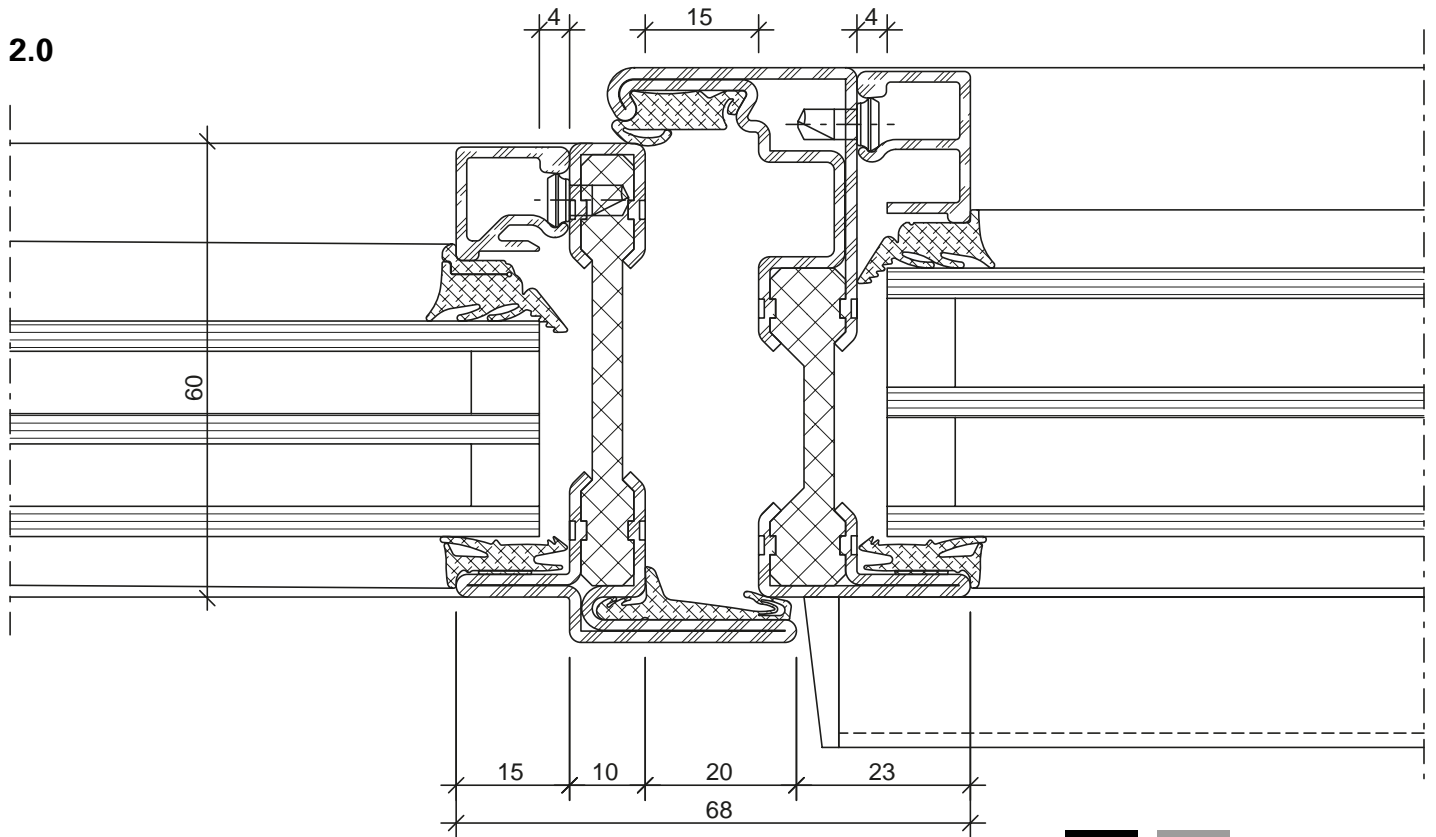
3.0



Schnittpunkte nach innen öffnend im Massstab 1:1  
Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1  
Section details opening inwards on scale 1:1

Janisol Arte 66  
Janisol Arte 66  
Janisol Arte 66

2.0

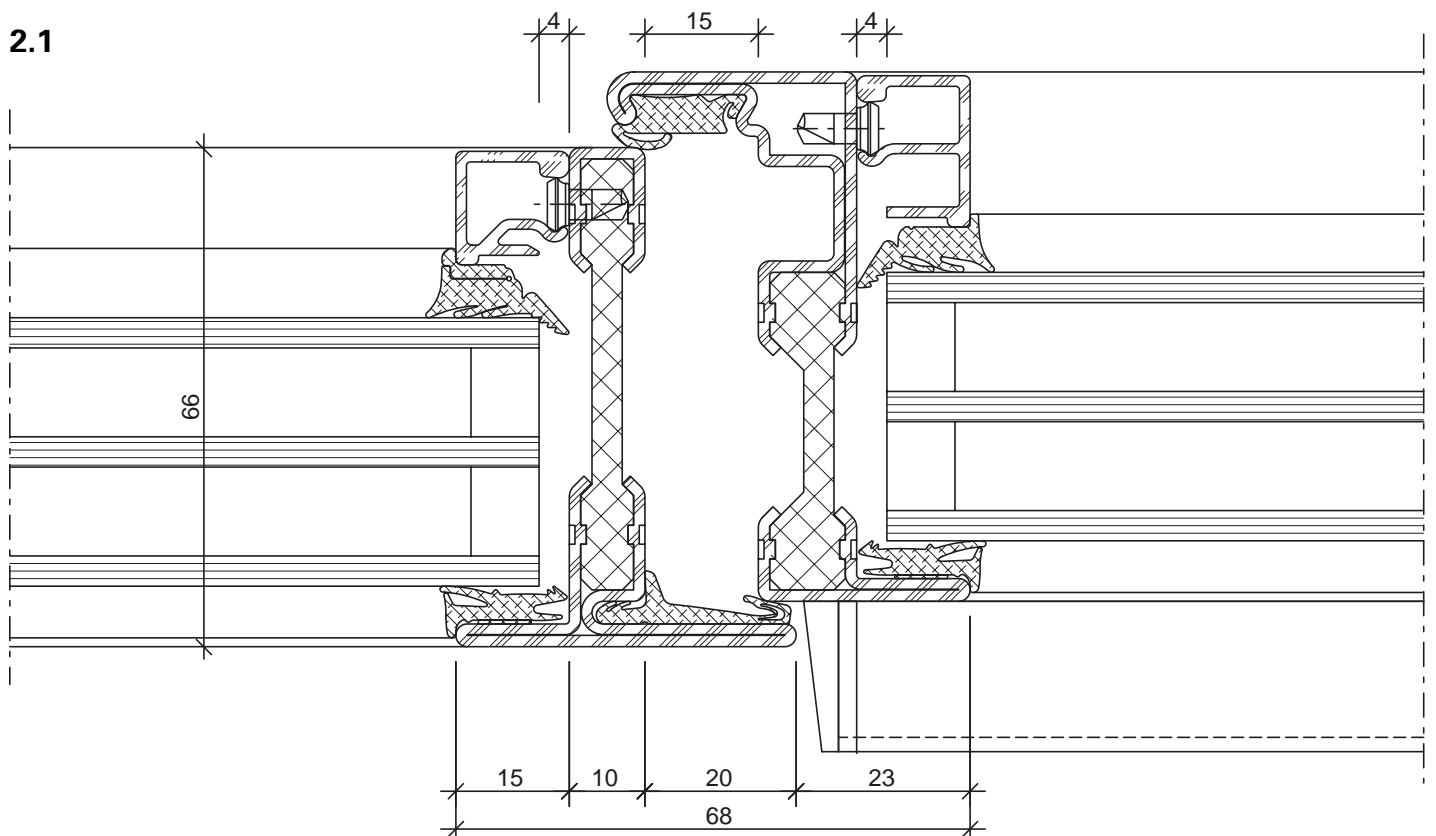


DXF

DWG

13-0108-C-003

2.1



DXF

DWG

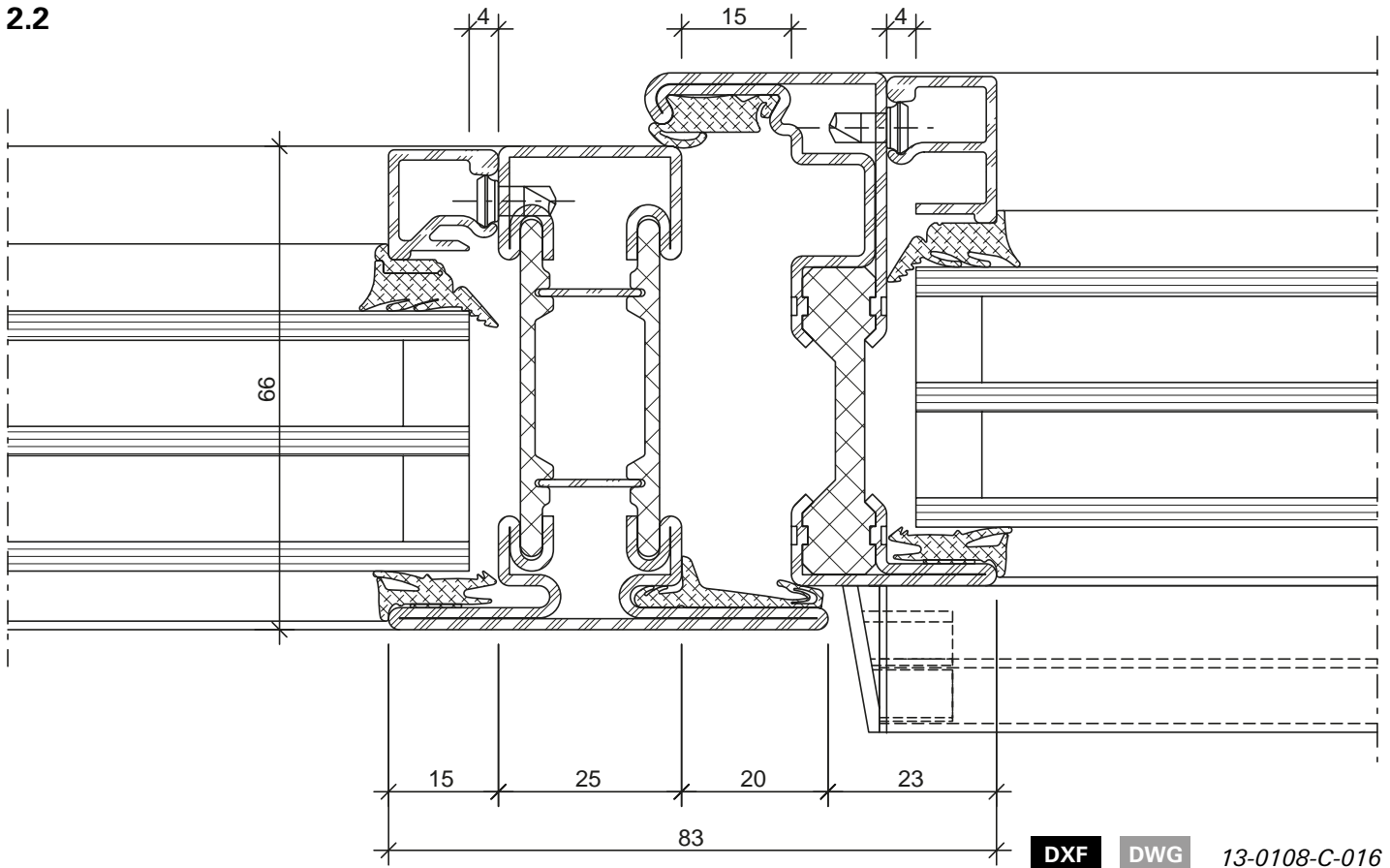
13-0108-C-004



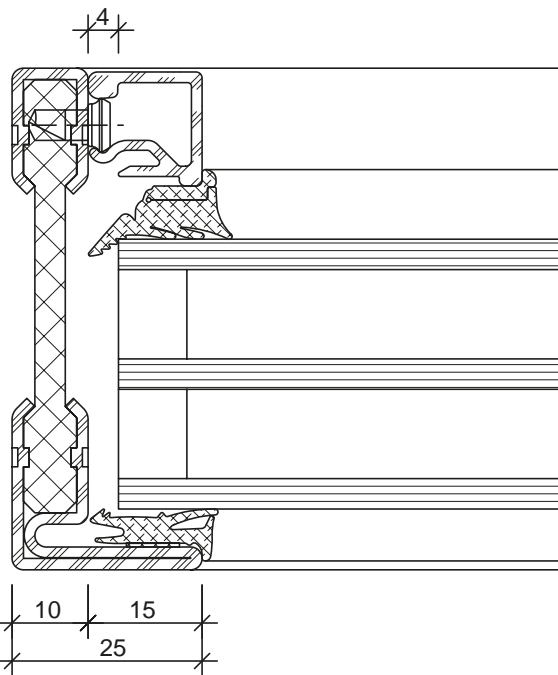
Schnittpunkte nach innen öffnend im Massstab 1:1  
 Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1  
 Section details opening inwards on scale 1:1

Janisol Arte 66  
 Janisol Arte 66  
 Janisol Arte 66

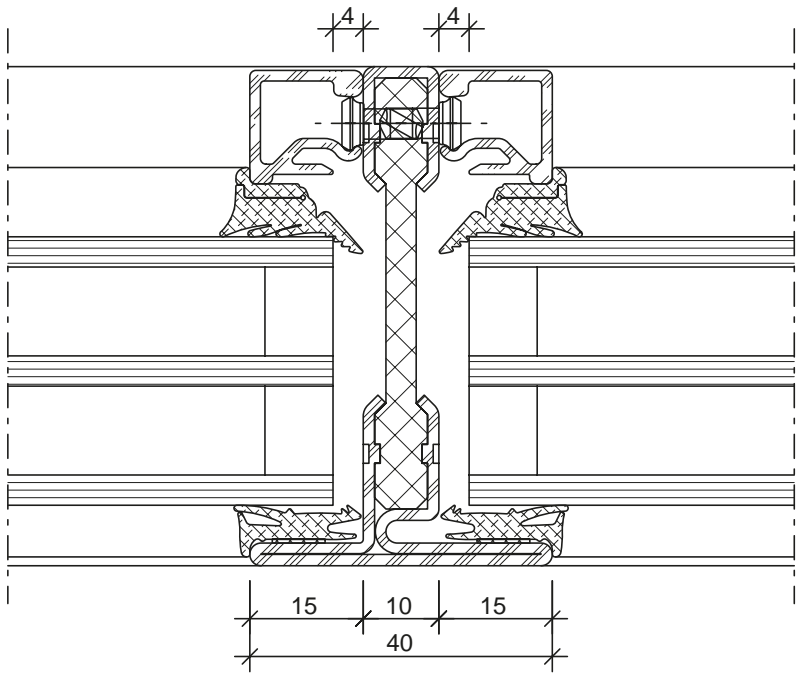
2.2



4.0



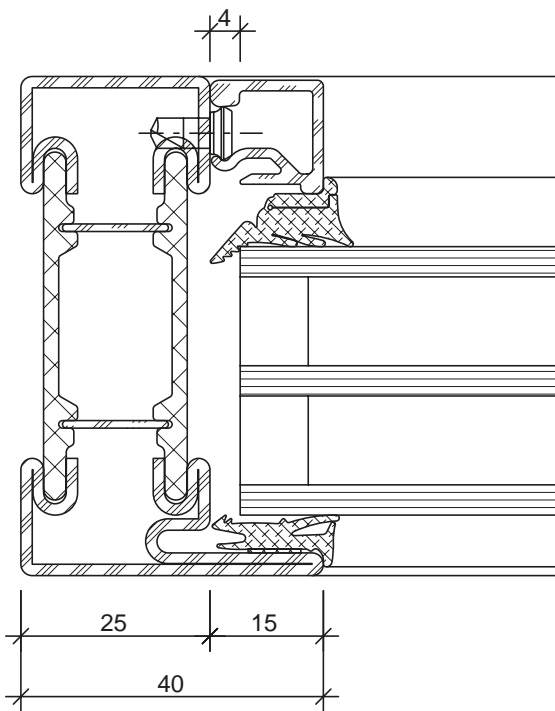
5.0



DXF DWG 13-0108-C-006

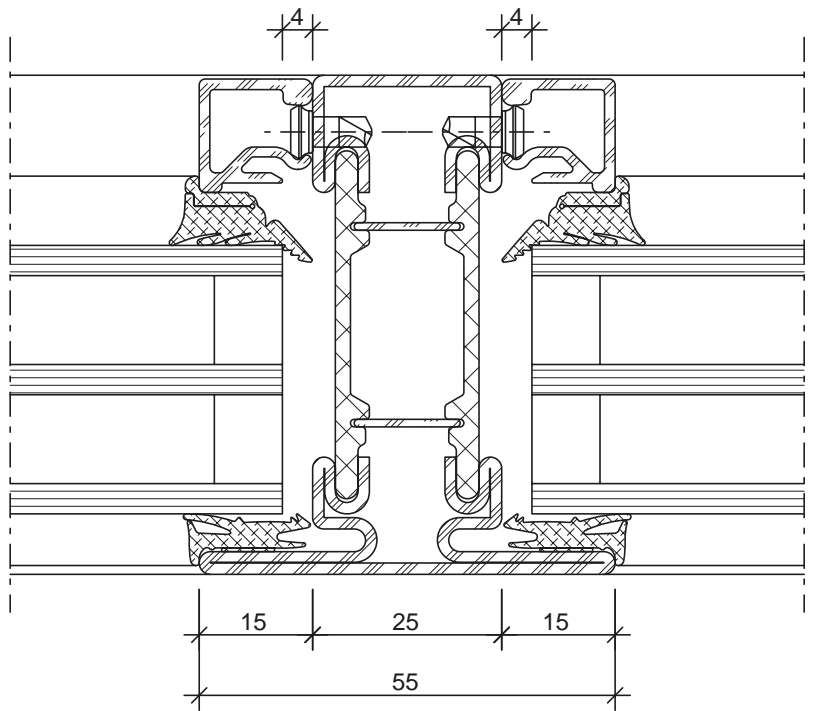
DXF DWG 13-0108-C-007

4.1



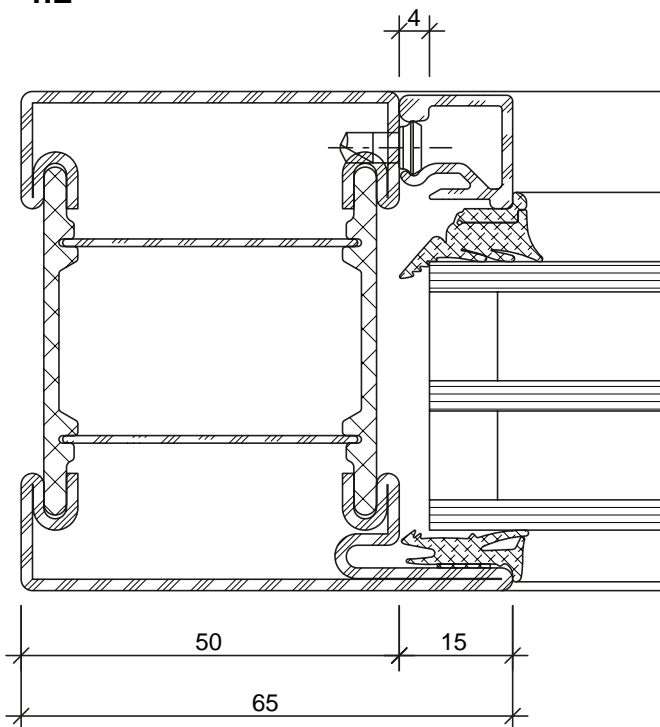
**DXF** **DWG** 13-0108-C-017

5.1



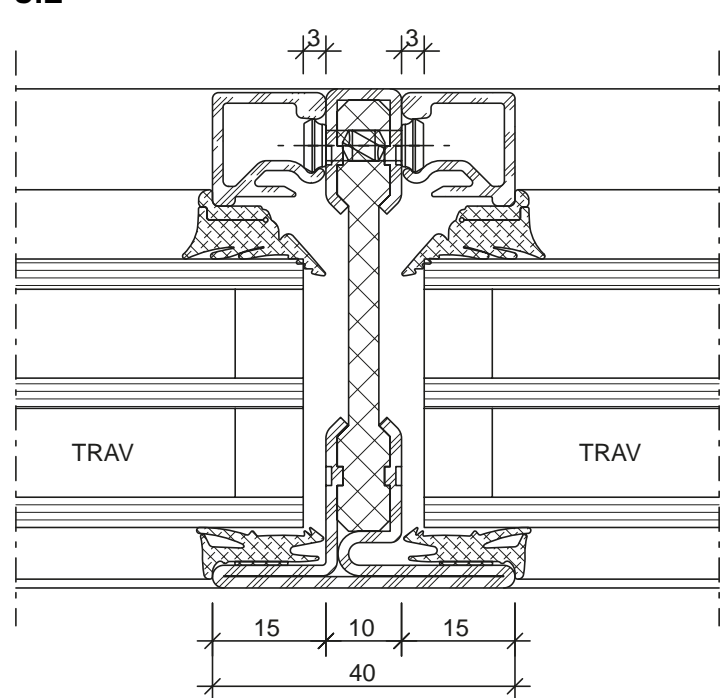
**DXF** **DWG** 13-0108-C-018

4.2



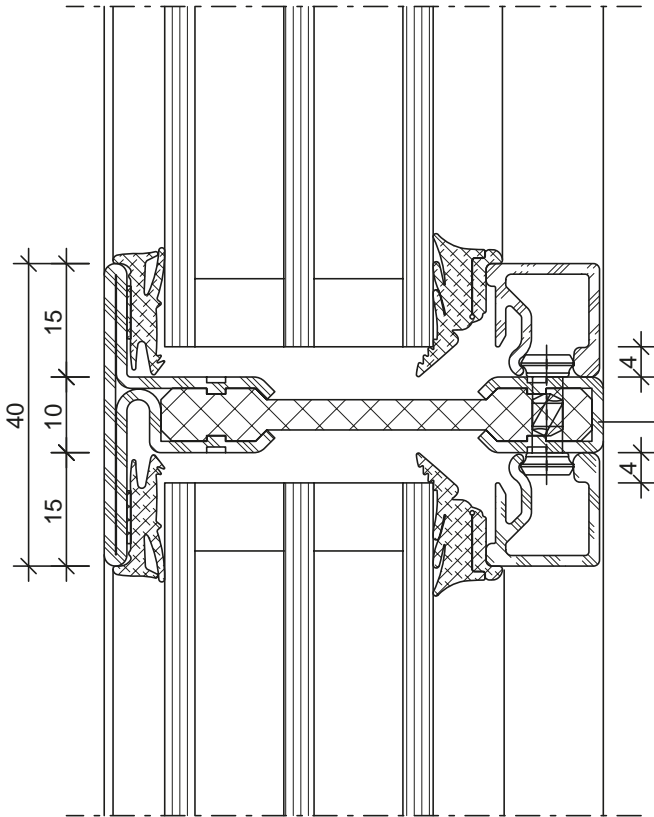
**DXF** **DWG** 13-0108-C-024

5.2



**DXF** **DWG** 13-0108-C-014

6.0

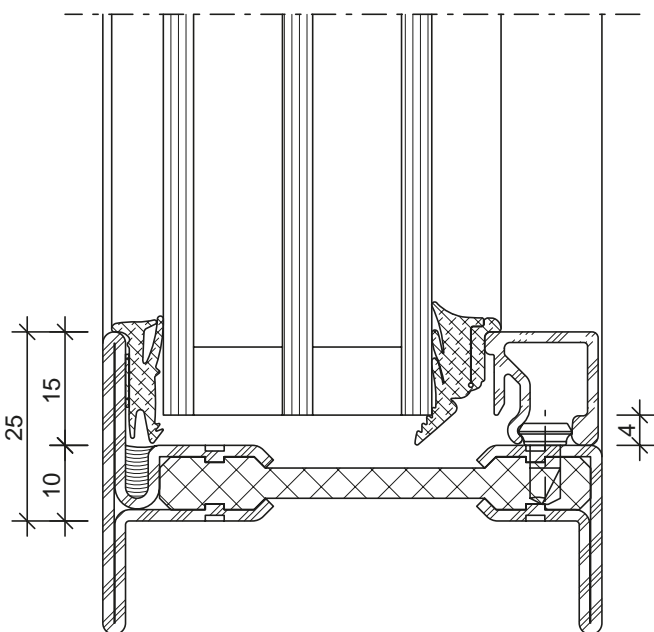


13-0108-C-009

DWG

DXF

4.1



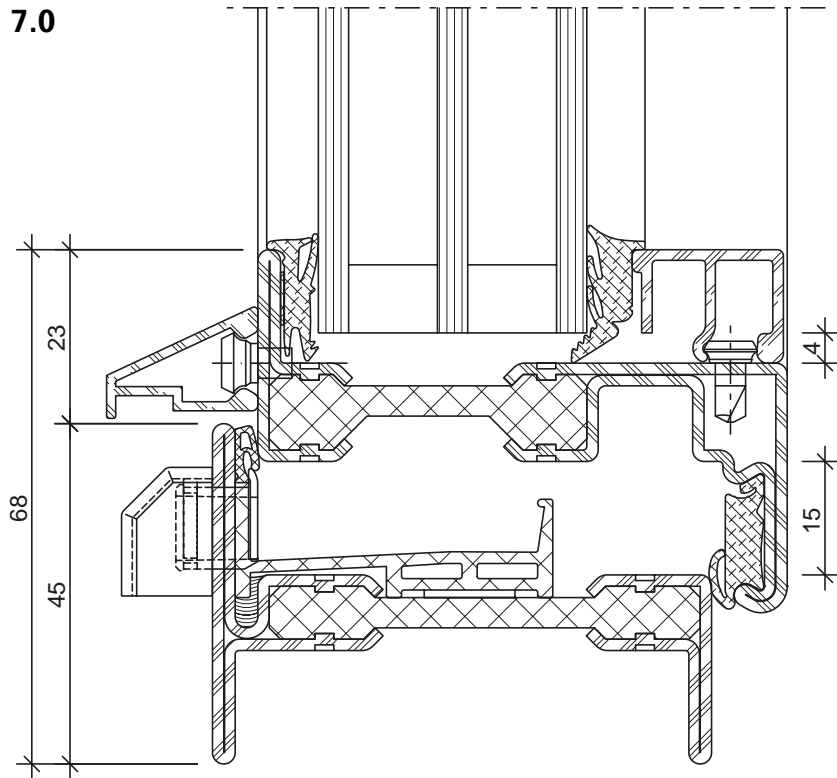
13-0108-C-008

DWG

DXF

Schnittpunkte nach innen öffnend im Massstab 1:1  
Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1  
Section details opening inwards on scale 1:1

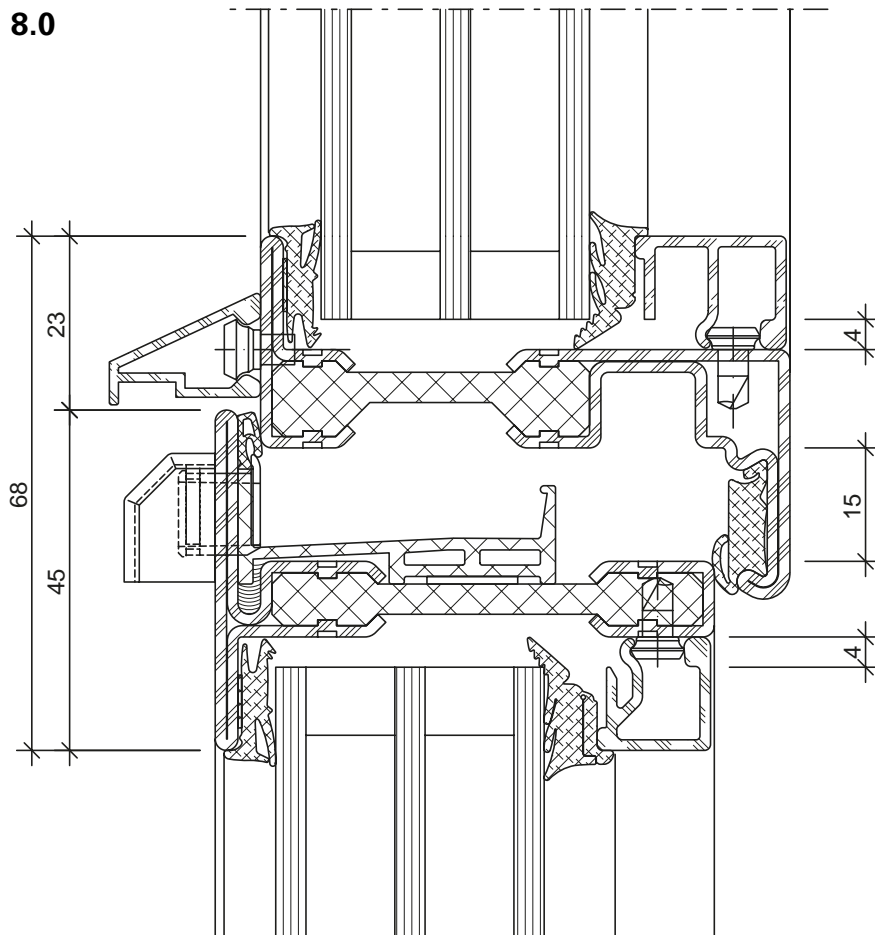
Janisol Arte 66  
Janisol Arte 66  
Janisol Arte 66



13-0108-C-010

DWG

DXF



13-0108-C-013

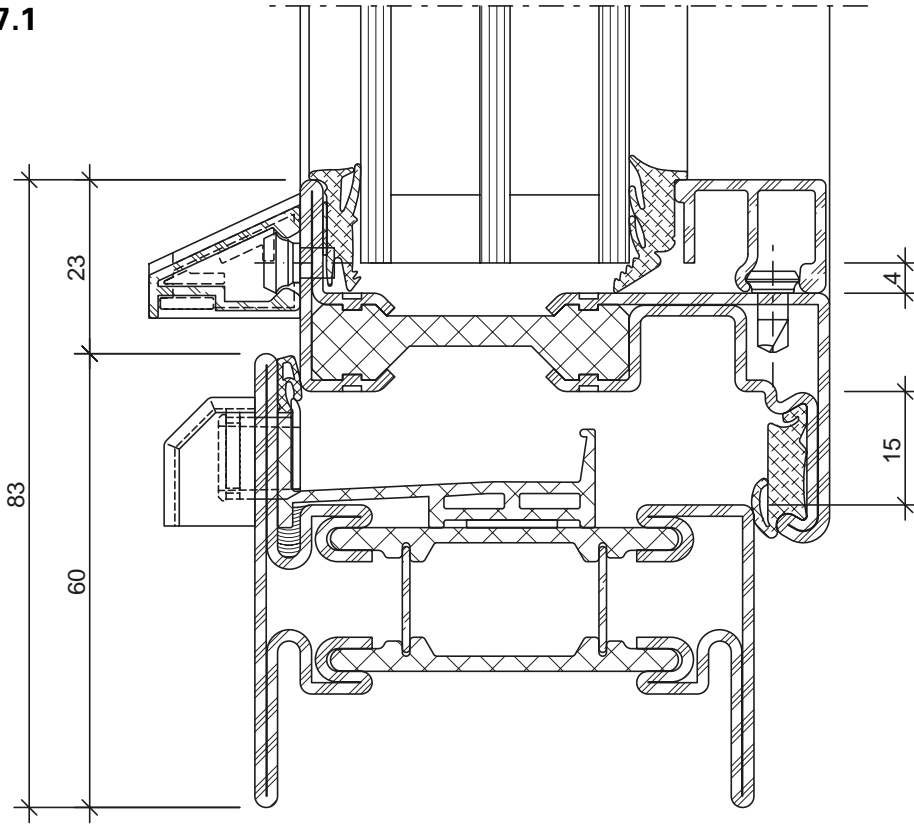
DWG

DXF

Schnittpunkte nach innen öffnend im Masstab 1:1  
Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1  
Section details opening inwards on scale 1:1

Janisol Arte 66  
Janisol Arte 66  
Janisol Arte 66

7.1

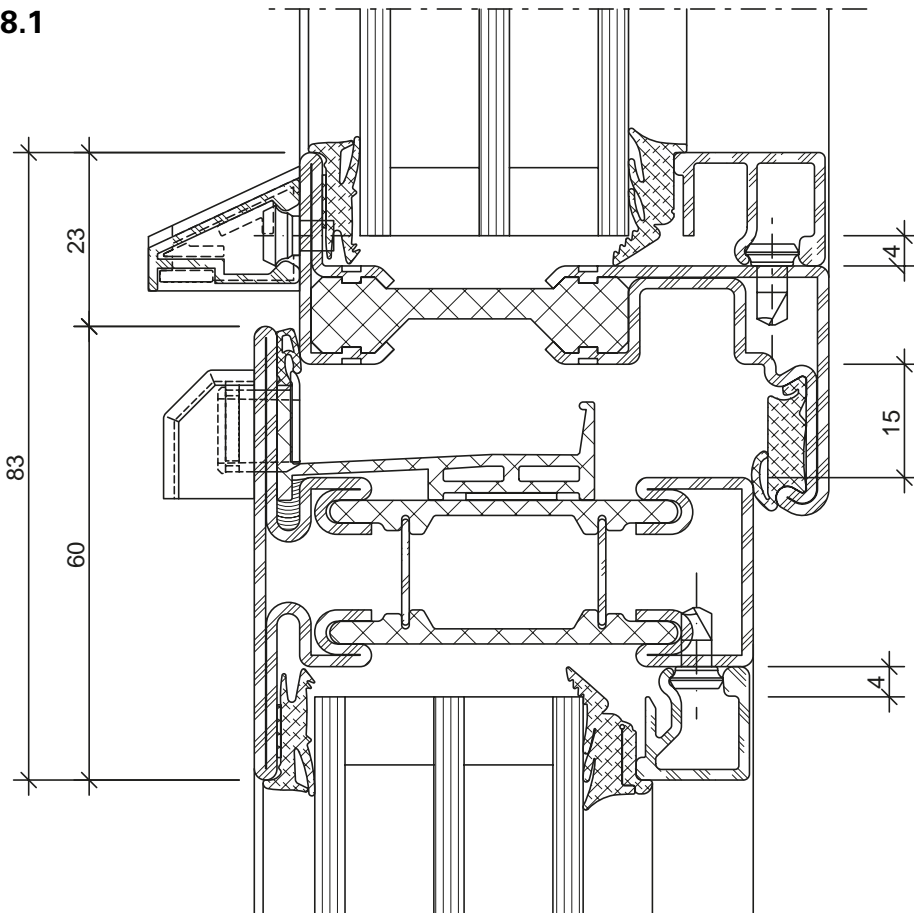


13-0108-C-019

DWG

DXF

8.1



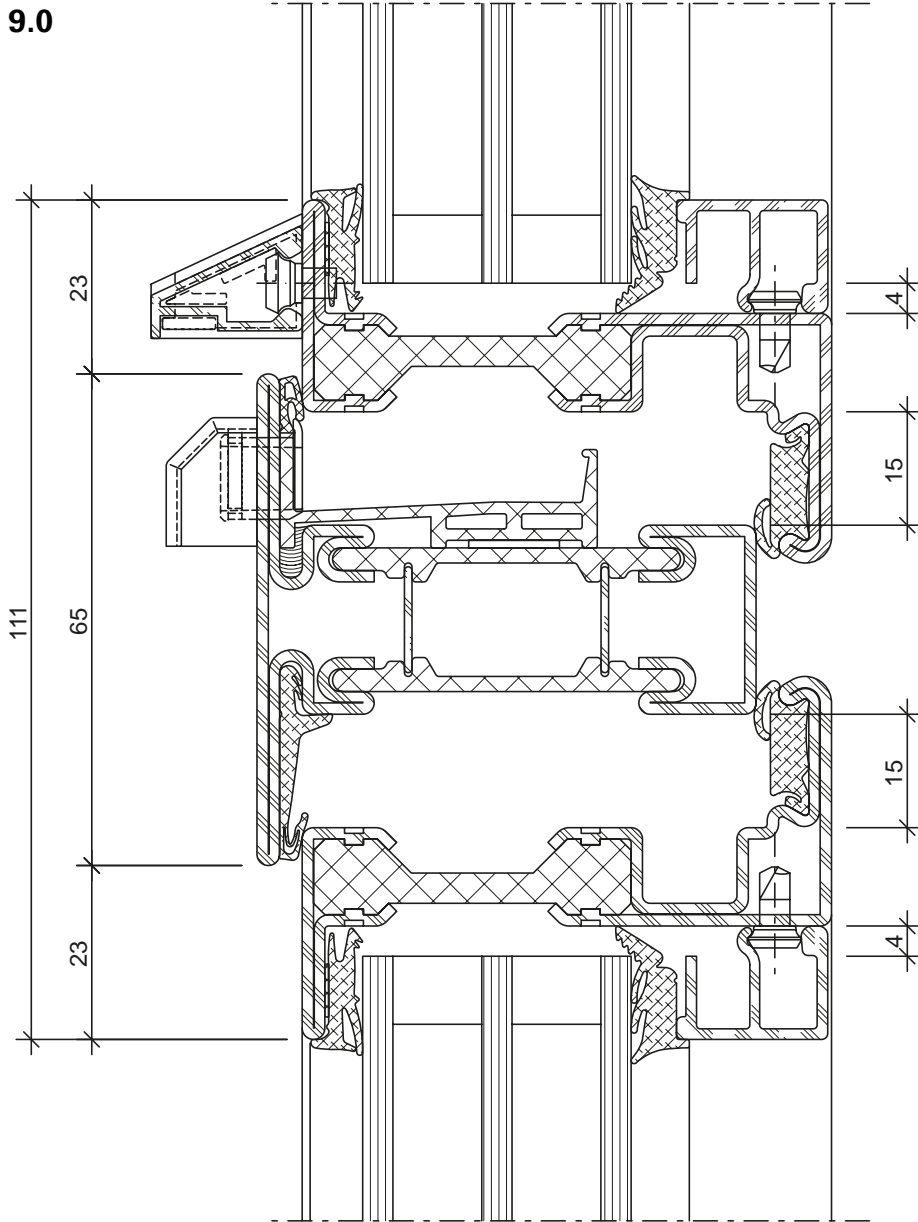
13-0108-C-021

DWG

DXF

Schnittpunkte nach innen öffnend im Massstab 1:1  
Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1  
Section details opening inwards on scale 1:1

Janisol Arte 66  
Janisol Arte 66  
Janisol Arte 66



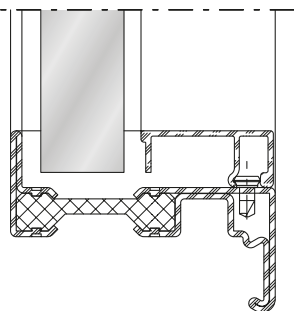
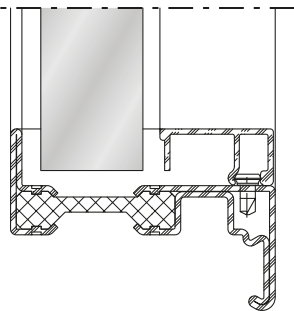
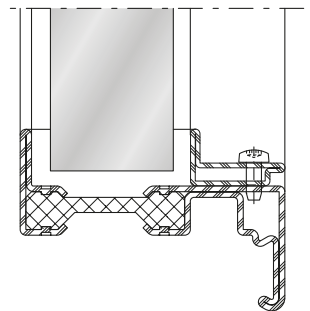
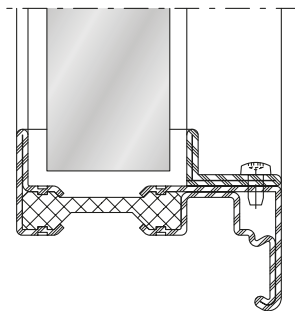
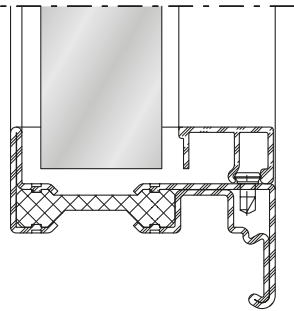
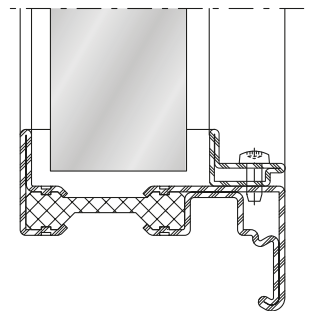
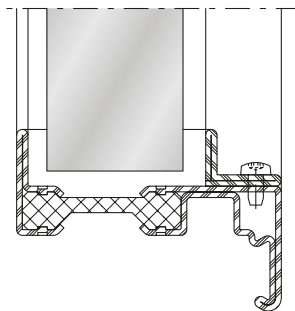
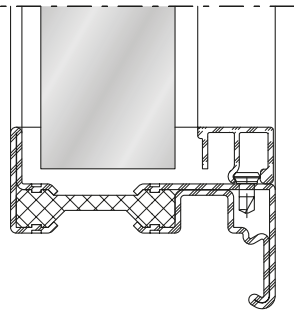
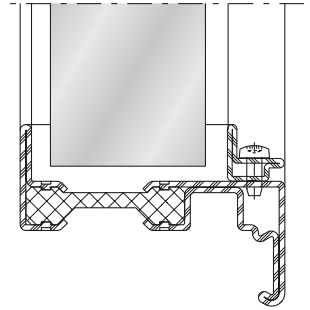
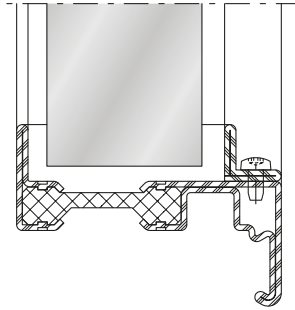
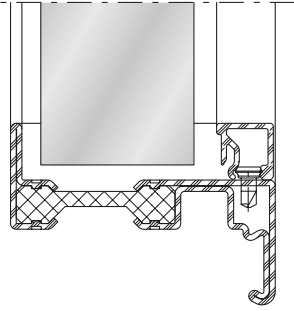
13-0108-C-020

DWG

DXF

Aluminium

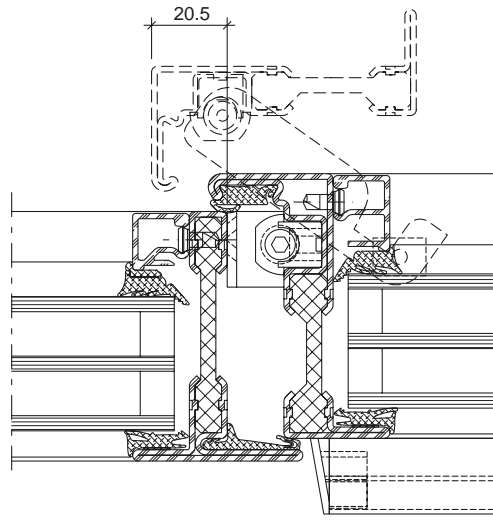
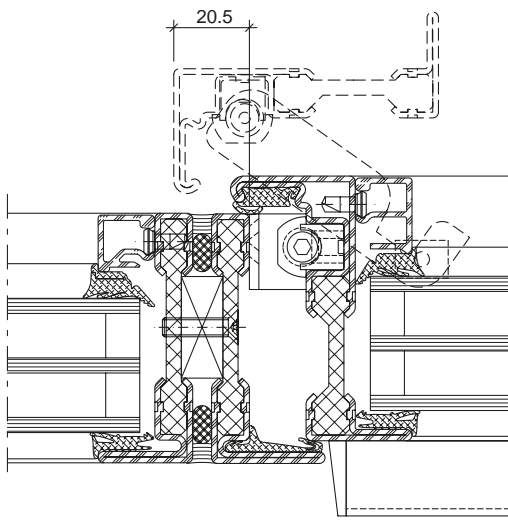
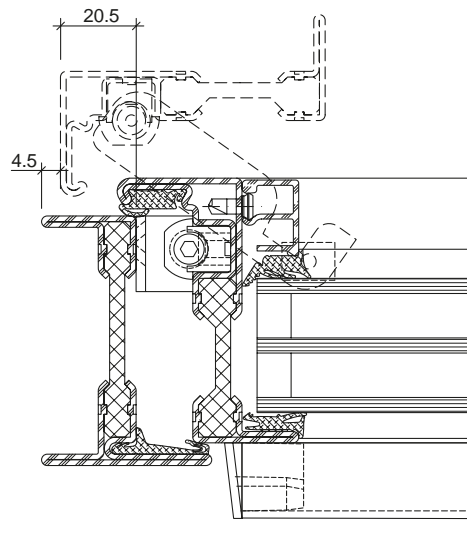
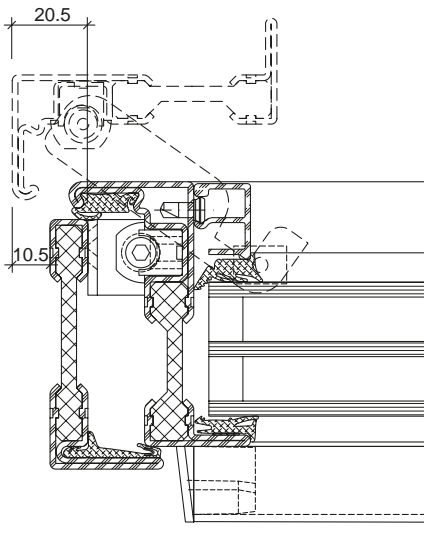
Stahl / Acier / Steel



Platzbedarf  
Verdeckt liegender Fensterbeschlag

Espace nécessaire  
Ferrure de fenêtre non apparente

Space required  
Concealed window fitting

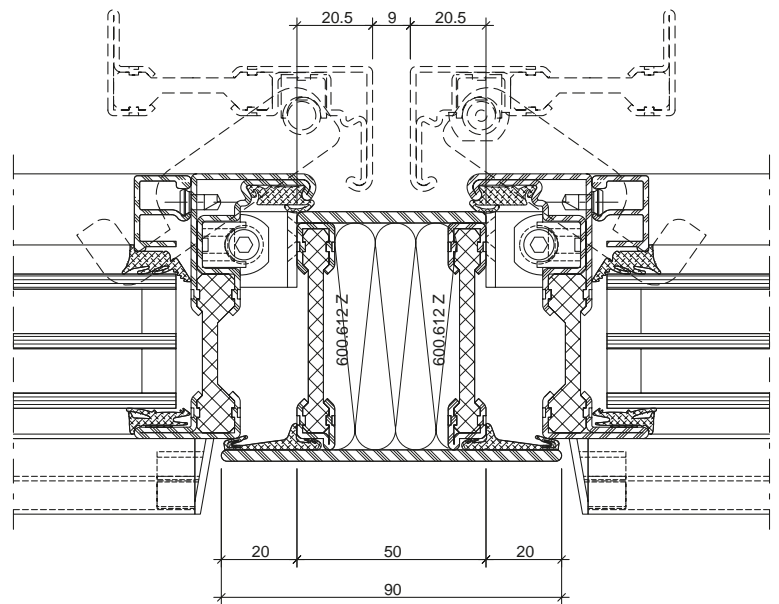
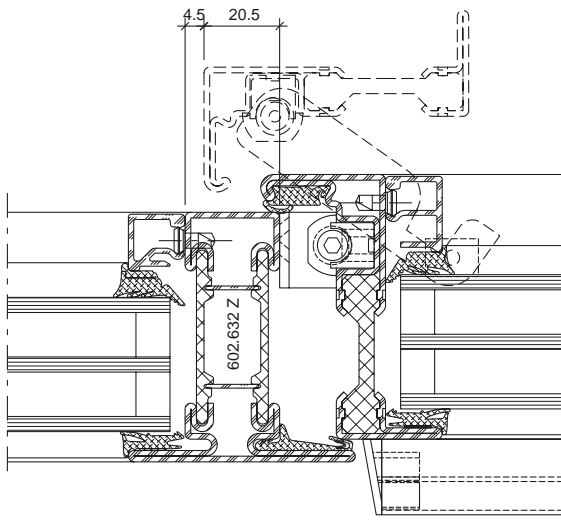
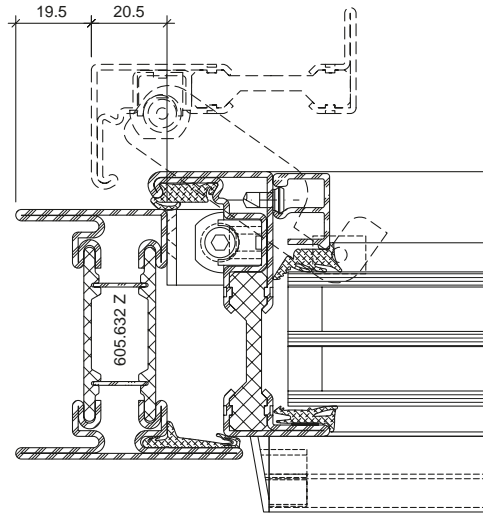
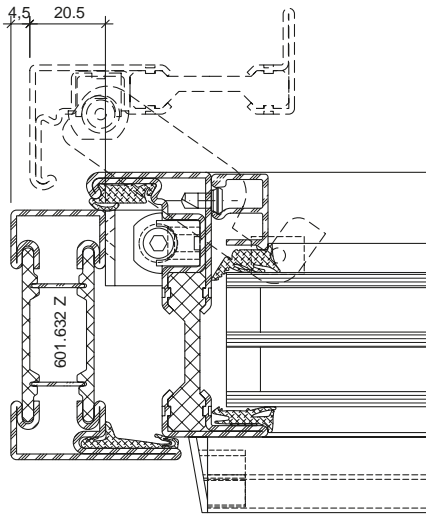




Platzbedarf  
Verdeckt liegender Fensterbeschlag

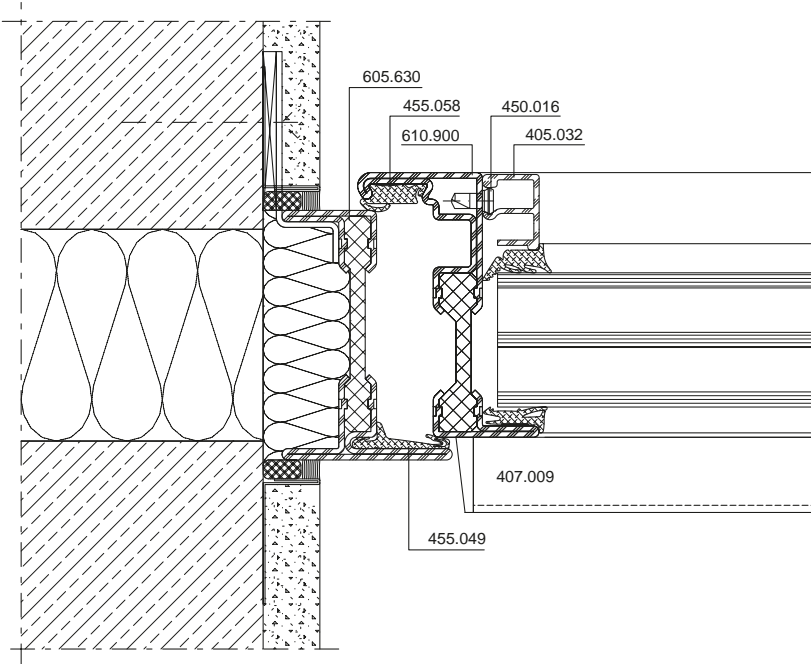
Espace nécessaire  
Ferrure de fenêtre non apparente

Space required  
Concealed window fitting



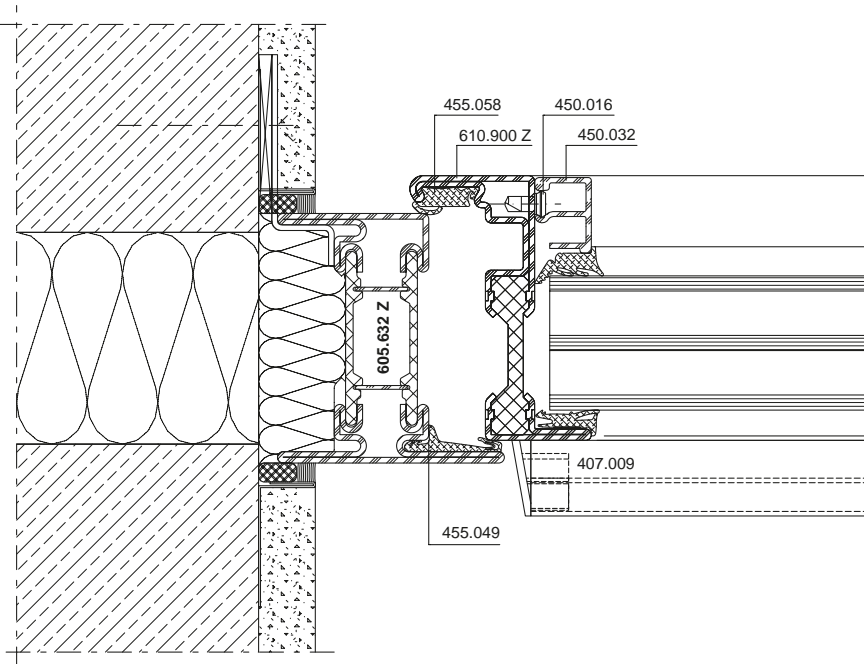
Anschlüsse am Bau im Masstab 1:2  
Raccords au mur à l'échelle 1:2  
Attachment to structure on scale 1:2

Janisol Arte 66  
Janisol Arte 66  
Janisol Arte 66



Bandseite ungeeignet (siehe Seite A-36-25)  
Côté paumelle inadapté (voir page A-36-25)  
Unsuitable hinge side (see page A-36-25)

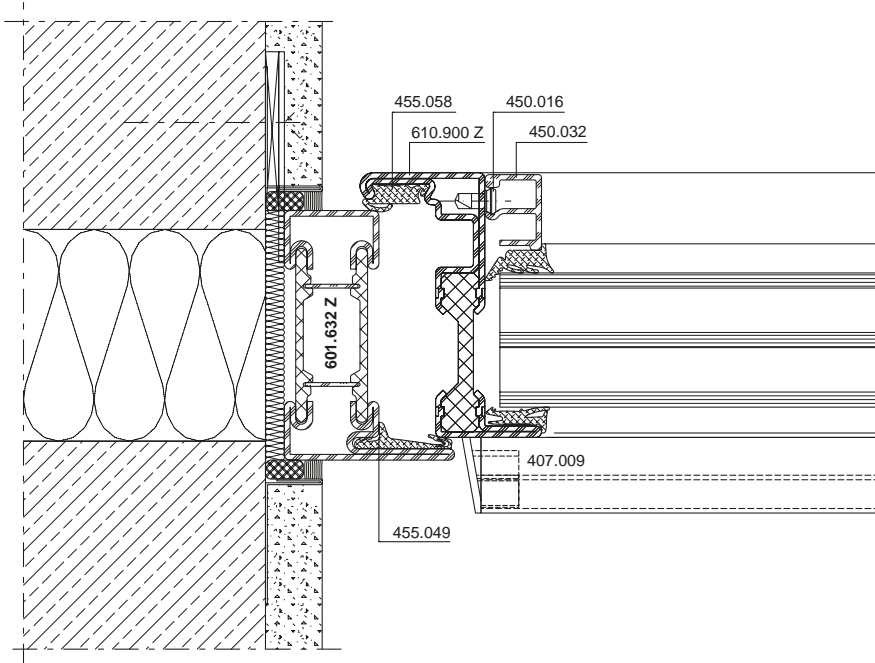
DXF DWG 13-0108-A-001



DXF DWG 13-0108-A-005

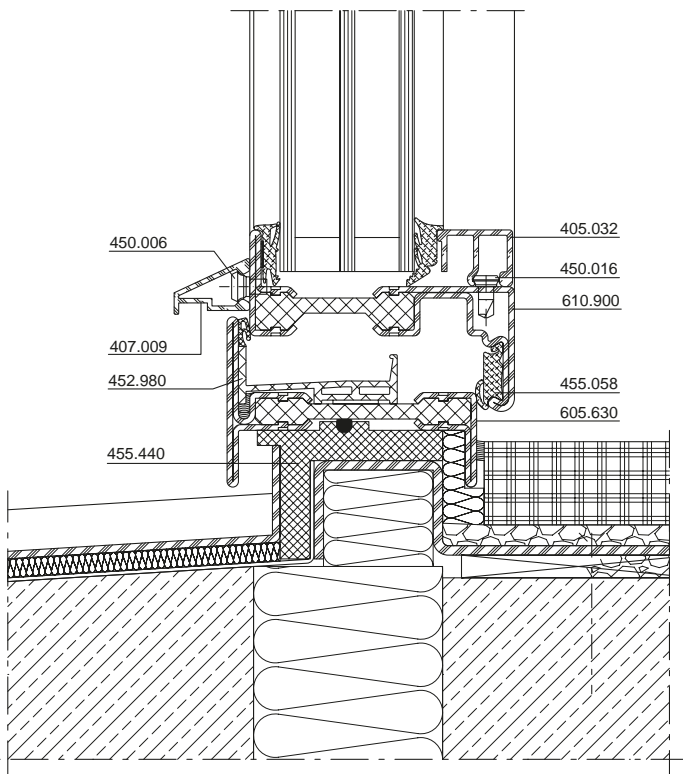
**Anschlüsse am Bau im Massstab 1:2**  
**Raccords au mur à l'échelle 1:2**  
**Attachment to structure on scale 1:2**

Janisol Arte 66  
Janisol Arte 66  
Janisol Arte 66

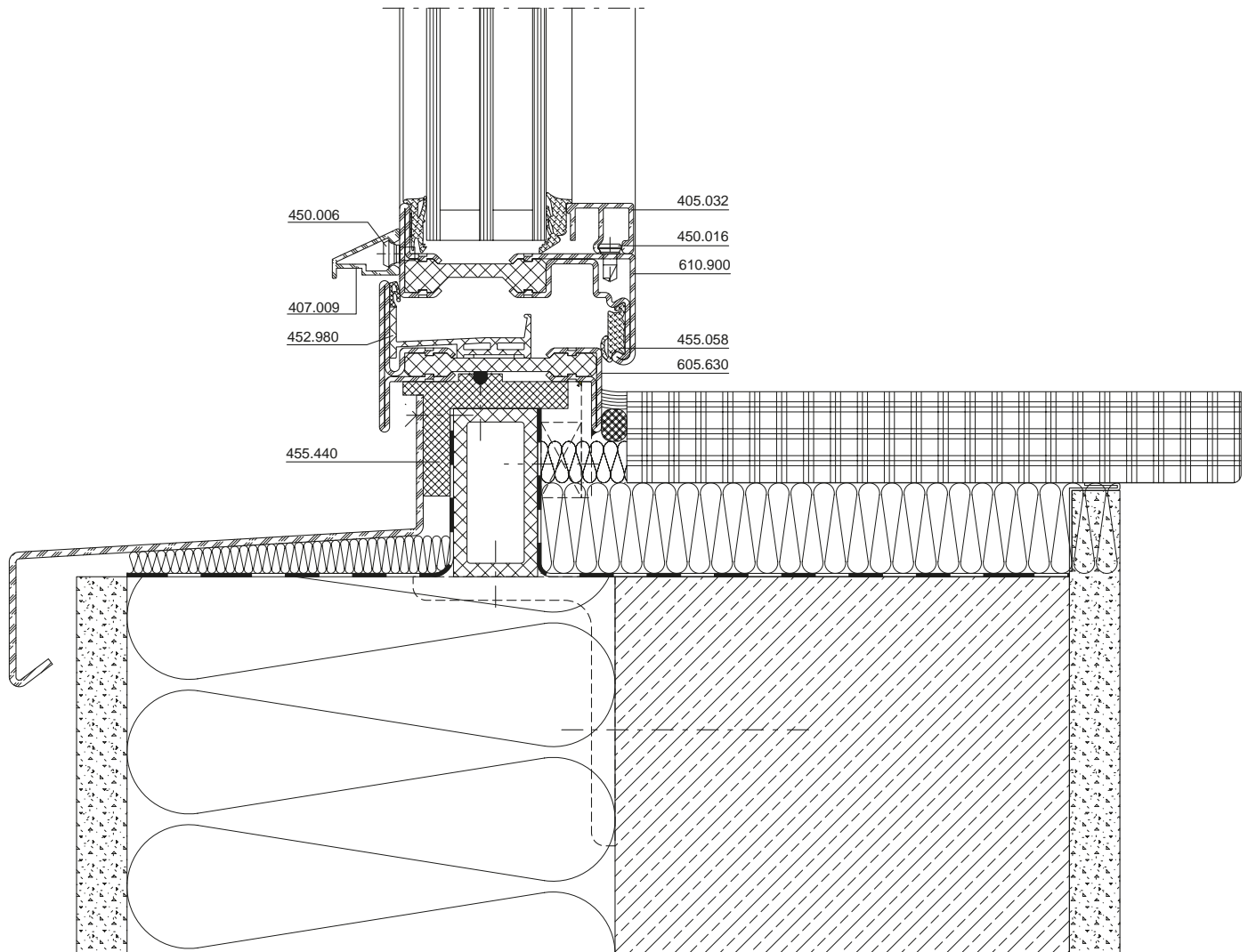


Bandseite ungeeignet (siehe Seite A-36-25)  
Côté paumelle inadapté (voir page A-36-25)  
Unsuitable hinge side (see page A-36-25)

**DXF** **DWG** 13-0108-A-006



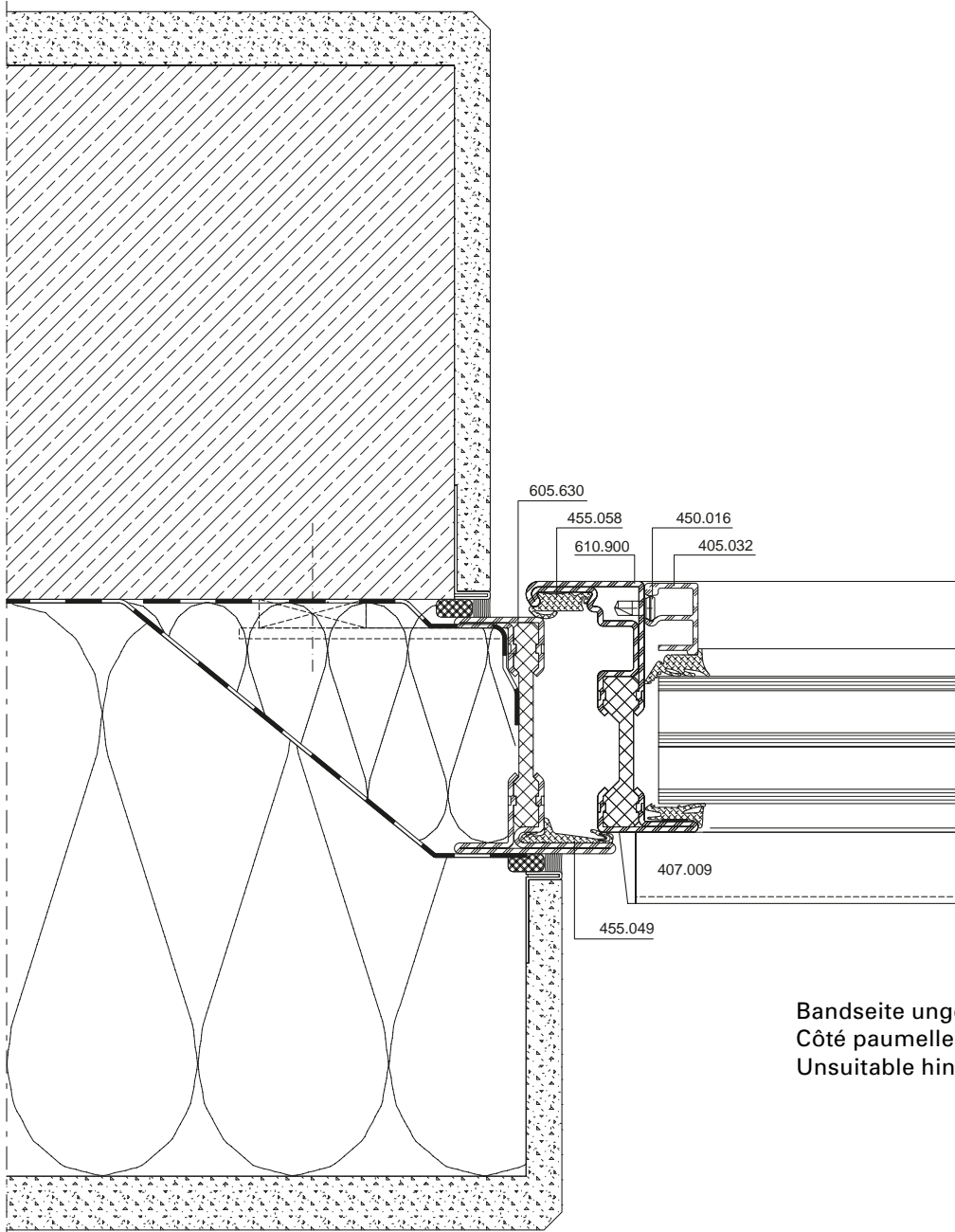
**DXF** **DWG** 13-0108-A-002



DXF

DWG

13-0108-A-003



Bandseite ungeeignet (siehe Seite A-36-25)  
Côté paumelle inadapté (voir page A-36-25)  
Unsuitable hinge side (see page A-36-25)

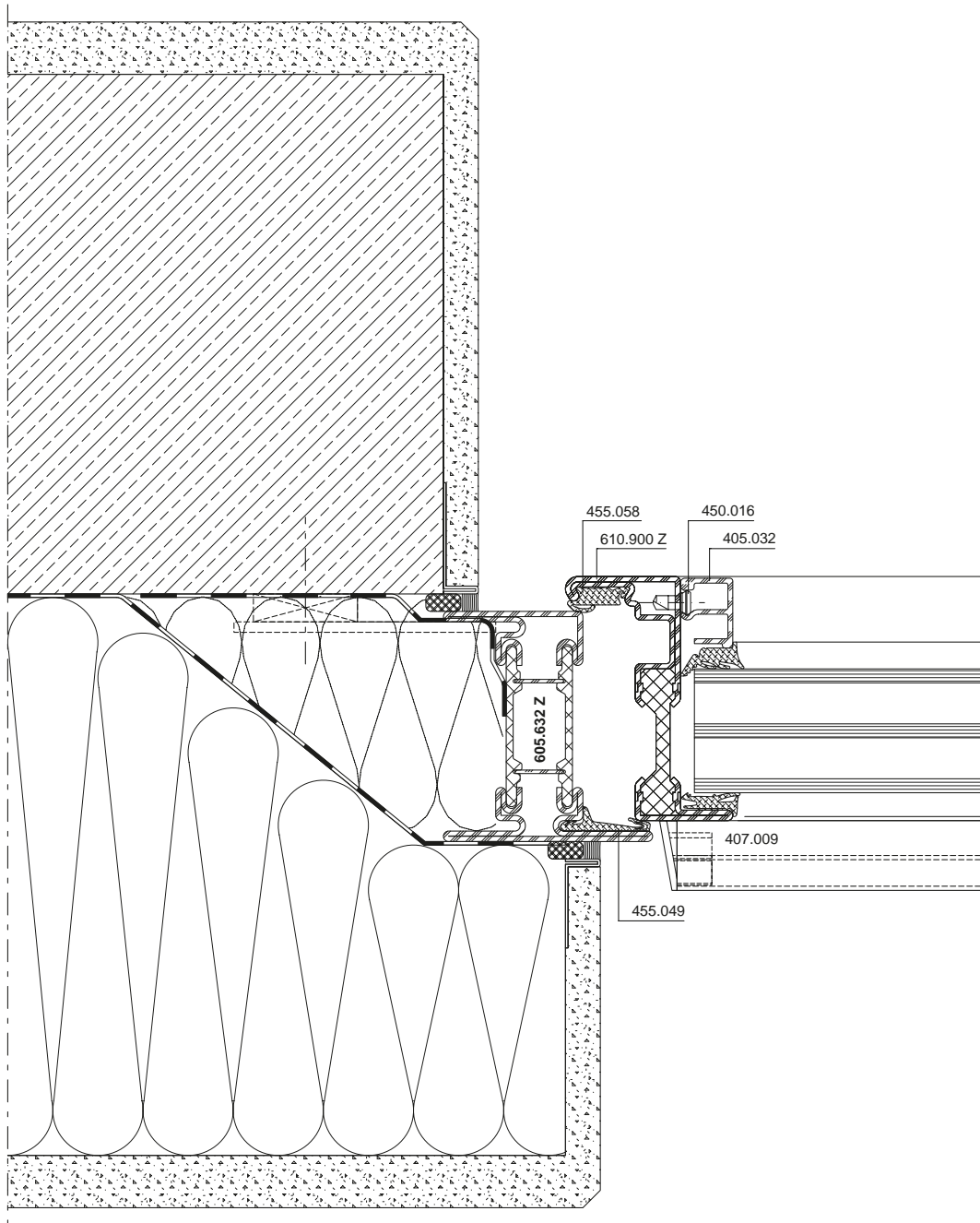
DXF

DWG

13-0108-A-004

Anschlüsse am Bau im Masstab 1:2  
Raccords au mur à l'échelle 1:2  
Attachment to structure on scale 1:2

Janisol Arte 66  
Janisol Arte 66  
Janisol Arte 66



DXF

DWG

13-0108-A-007

Leistungswerte

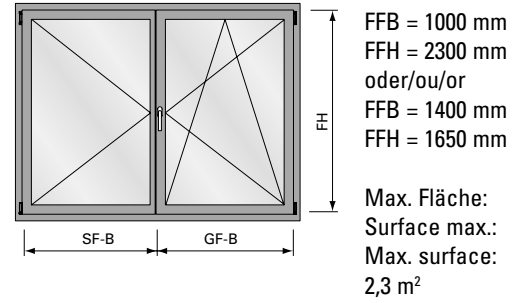
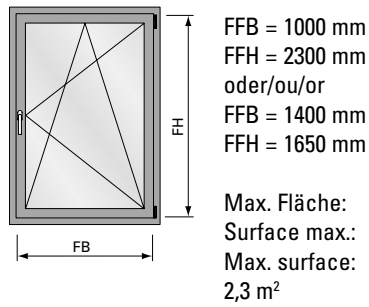
Caractéristiques de performances







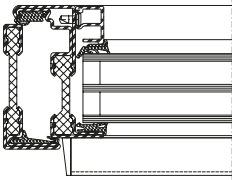
Performance values







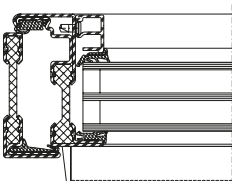
Schlagregendichtheit  
 Luftdurchlässigkeit  
 Widerstand bei Windlast

Étanchéité à la pluie battante  
 Perméabilité à l'air  
 Résistance à la pression du vent

Watertightness  
 Air permeability  
 Resistance to wind load



	 EN 12208	 EN 12207	 EN 12210	 EN 12208	 EN 12207	 EN 12210
bis / jusqu'à / up to FFH 1650 mm 	Klasse 9A Classe 9A Class 9A	Klasse 4 Classe 4 Class 4	Klasse C5/B5 Classe C5/B5 Class C5/B5	Klasse 7A Classe 7A Class 7A	Klasse 4 Classe 4 Class 4	Klasse C4/B4 Classe C4/B4 Class C4/B4
Größenänderungen Variations dimensionnelles Size changes	-100%	-100%	-100%	-100%	-100%	-100%

	 EN 12208	 EN 12207	 EN 12210	 EN 12208	 EN 12207	 EN 12210
bis / jusqu'à / up to FFH 2300 mm bis / jusqu'à / up to FFB 1000 mm 	Klasse 8A Classe 8A Class 8A	Klasse 4 Classe 4 Class 4	Klasse C5/B5 Classe C5/B5 Class C5/B5	Klasse 7A Classe 7A Class 7A	Klasse 4 Classe 4 Class 4	Klasse C4/B4 Classe C4/B4 Class C4/B4
Größenänderungen Variations dimensionnelles Size changes	-100%	-100%	-100%	-100%	-100%	-100%

**Leistungseigenschaften nach EN 14351-1**  
**Caractéristiques de performance selon EN 14351-1**  
**Performance characteristics according to EN 14351-1**

Janisol Arte 66  
 Janisol Arte 66  
 Janisol Arte 66

**Leistungswerte**

**Caractéristiques de performances**

**Performance values**

**Schlagregendichtheit**  
**Luftdurchlässigkeit**  
**Widerstand bei Windlast**

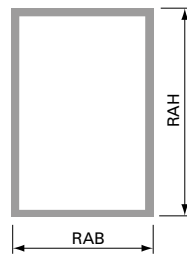
**Étanchéité à la pluie battante**  
**Perméabilité à l'air**  
**Résistance à la pression du vent**




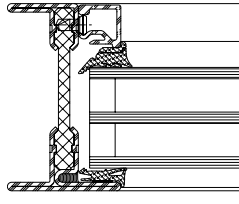
**Watertightness**  
**Air permeability**  
**Resistance to wind load**

**Festverglasung**

**Vitrage fixe**

**Fixed glazing**



	 <b>EN 12208</b>	 <b>EN 12207</b>	 <b>EN 12210</b>
<b>RABxRAH 1230x1480 mm</b> 	Klasse 9A Classe 9A Class 9A	Klasse 4 Classe 4 Class 4	Klasse C5/B5 Classe C5/B5 Class C5/B5



**Leistungswerte**

**Caractéristiques de performances**

**Performance values**

**Schlagregendichtheit**  
**Luftdurchlässigkeit**  
**Widerstand bei Windlast**

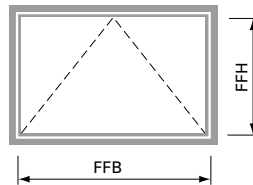
**Etanchéité à la pluie battante**  
**Perméabilité à l'air**  
**Résistance à la pression du vent**

**Watertightness**  
**Air permeability**  
**Resistance to wind load**

**Kippfenster**

**Fenêtre à sofflet**




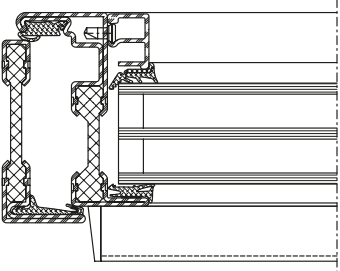
**Bottom-hung window**



FFB = 2300 mm  
 FFH = 2300 mm

in Abhängigkeit des Verriegelungsabstandes  
 en fonction de l'écart de verrouillage  
 depending on the distance between locking points

Max. Fläche:  
 Surface max.:  
 Max. surface:  
 2,3 m<sup>2</sup>

	 EN 12208	 EN 12207	 EN 12210
Beschlag/Ferrure/Fitting 	Klasse 8A Classe 8A Class 8A	Klasse 4 Classe 4 Class 4	Klasse C5/B5 Classe C5/B5 Class C5/B5
Schnäpper 557.099 Loqueteau 557.099 Spring catch 557.099	Klasse 8A Classe 8A Class 8A	Klasse 4 Classe 4 Class 4	Klasse C3/B3 Classe C3/B3 Class C3/B3
Oberlichtöffner 550.651 Ferrure d'imposte 550.651 Top light opener 550.651	Klasse 8A Classe 8A Class 8A	Klasse 3 Classe 3 Class 3	Klasse C3/B3 Classe C3/B3 Class C3/B3
Kettenantrieb 550.697 Entraînement à chaîne 550.697 Chain drive 550.697	Klasse 8A Classe 8A Class 8A	Klasse 4 Classe 4 Class 4	Klasse C3/B3 Classe C3/B3 Class C3/B3

**U<sub>f</sub>-Werte**  
(nach EN ISO 10077-2:2018-01)

Auf den folgenden Seiten finden Sie die U<sub>f</sub>-Werte für die verschiedenen Anwendungen von Janisol Arte 2.0.

Sie basieren auf folgenden Grundlagen:

- Profile bandverzinkter Stahl, unbeschichtet
- Aluminium-Glasleisten
- Nassverglasung

**Valeurs U<sub>f</sub>**  
(selon EN ISO 10077-2:2018-01)

Vous trouverez les valeurs U<sub>f</sub> pour les différentes applications Janisol Arte 2.0 dans les pages qui suivent.

Elles se basent sur les principes suivants:

- Profilés en bande d'acier zingué, sans revêtement
- Parcloles en aluminium
- Vitrage à mastic

**U<sub>f</sub> values**  
(according to EN ISO 10077-2:2018-01)

On the following pages you will find the U<sub>f</sub> values for the various applications for Janisol Arte 2.0.

They are based on the following:

- Strip galvanised steel profiles, uncoated
- Aluminium glazing beads
- Glazing with sealing

Janisol Arte Stahl  
Zweifach-Isolierglas

Janisol Arte acier  
Double verre isolant

Janisol Arte steel  
Double insulating glazing

Janisol Arte Stahl  
Dreifach-Isolierglas

Janisol Arte acier  
Triple verre isolant

Janisol Arte steel  
Triple insulating glazing

Janisol Arte Stahl  
optimiert  
Zweifach-Isolierglas

Janisol Arte acier  
optimisé  
Double verre isolant

Janisol Arte steel  
optimised  
Double insulating glazing

Janisol Arte Stahl  
optimiert  
Dreifach-Isolierglas

Janisol Arte acier  
optimisé  
Triple verre isolant

Janisol Arte steel  
optimised  
Triple insulating glazing

**Janisol Arte Stahl**  
**Zweifach-Isolierglas**


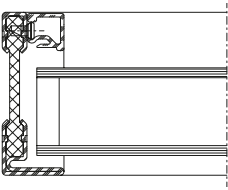
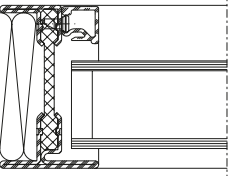
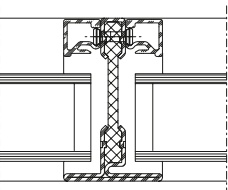
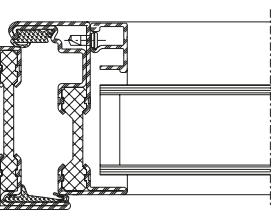
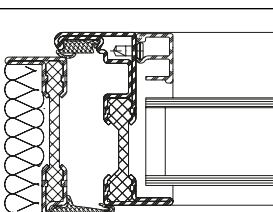
Festverglasungen und  
 Fenster nach innen öffnend


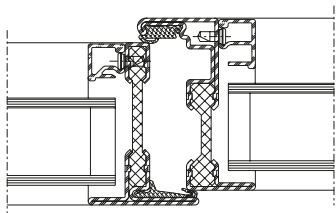
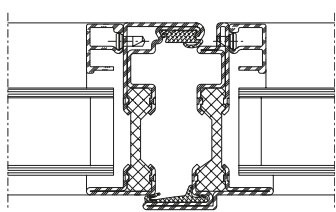
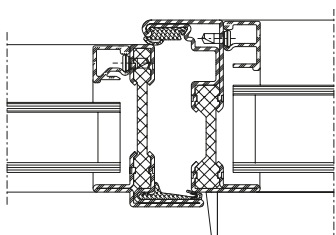
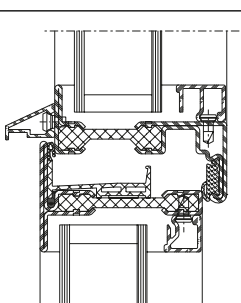
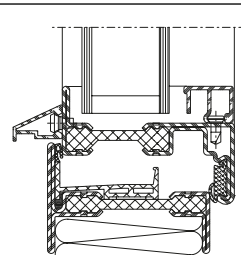
**Janisol Arte acier**  
**Double verre isolant**

Vitrages fixes et fenêtres  
 ouvrant vers l'intérieur

**Janisol Arte steel**  
**Double insulating glazing**

Fixed lights and  
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 24 mm	≥ 28 mm
	2,9 W/m²K	2,6 W/m²K
	2,2 W/m²K	2,0 W/m²K
	2,8 W/m²K	2,5 W/m²K
	3,3 W/m²K	3,2 W/m²K
	2,8 W/m²K	2,8 W/m²K

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 24 mm	≥ 28 mm
	3,3 W/m²K	3,2 W/m²K
	3,3 W/m²K	3,2 W/m²K
	3,2 W/m²K	3,1 W/m²K
	3,2 W/m²K	3,1 W/m²K
	2,8 W/m²K	2,8 W/m²K

**Janisol Arte Stahl**  
**Zweifach-Isolierglas**

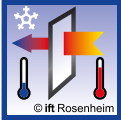
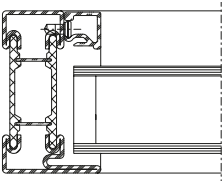
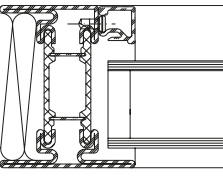
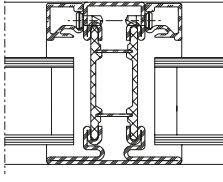
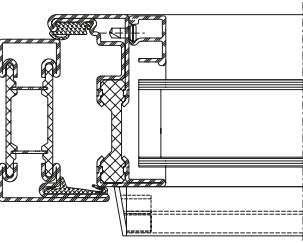
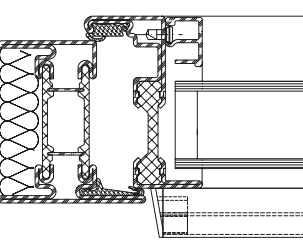
Festverglasungen und  
 Fenster nach innen öffnend


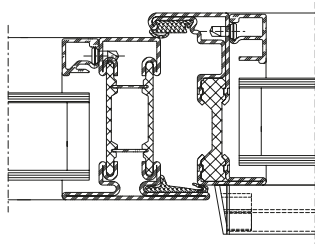
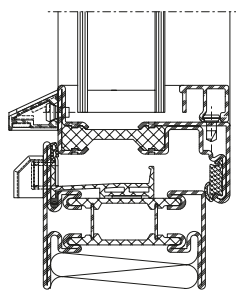
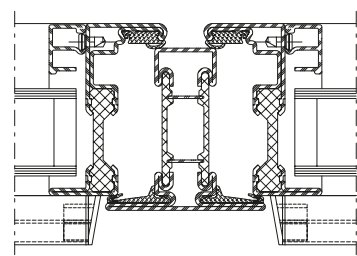
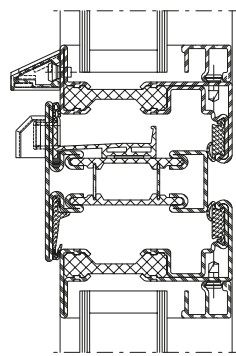
**Janisol Arte acier**  
**Double verre isolant**

Vitrages fixes et fenêtres  
 ouvrant vers l'intérieur

**Janisol Arte steel**  
**Double insulating glazing**

Fixed lights and  
 windows inward opening

	Füllelementstärken Eléments de remplissages Infill elements	
	≥ 24 mm	≥ 28 mm
	2,1 W/m²K	2,0 W/m²K
	1,7 W/m²K	1,6 W/m²K
	2,2 W/m²K	2,0 W/m²K
	2,8 W/m²K	2,8 W/m²K
	2,5 W/m²K	2,5 W/m²K

	Füllelementstärken Eléments de remplissages Infill elements	
	≥ 24 mm	≥ 28 mm
	2,8 W/m²K	2,7 W/m²K
	2,4 W/m²K	2,4 W/m²K
	2,9 W/m²K	2,9 W/m²K
	3,0 W/m²K	3,0 W/m²K

**Janisol Arte Stahl**  
**Dreifach-Isolierglas**

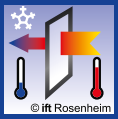
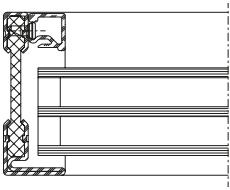
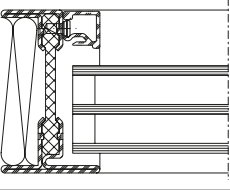
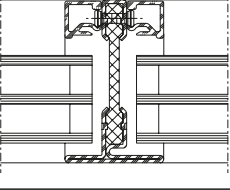
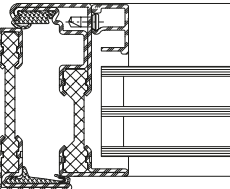
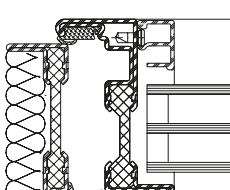
Festverglasungen und  
 Fenster nach innen öffnend

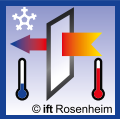
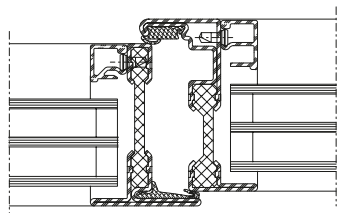
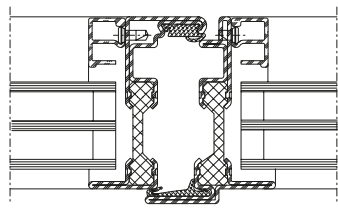
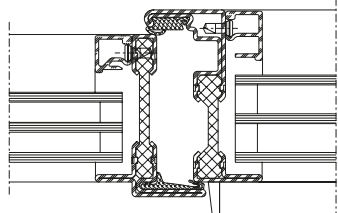
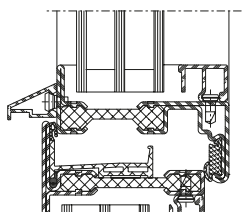
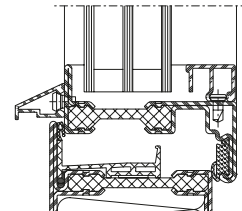
**Janisol Arte acier**  
**Triple verre isolant**

Vitrages fixes et fenêtres  
 ouvrant vers l'intérieur

**Janisol Arte steel**  
**Triple insulating glazing**

Fixed lights and  
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 36 mm	≥ 46 mm
	2,5 W/m²K	2,3 W/m²K
	1,9 W/m²K	1,8 W/m²K
	2,3 W/m²K	2,2 W/m²K
	3,2 W/m²K	3,1 W/m²K
	2,8 W/m²K	2,8 W/m²K

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 36 mm	≥ 46 mm
	3,1 W/m²K	3,0 W/m²K
	3,2 W/m²K	3,1 W/m²K
	3,0 W/m²K	3,0 W/m²K
	3,0 W/m²K	2,9 W/m²K
	2,7 W/m²K	2,7 W/m²K

**Janisol Arte Stahl  
 Dreifach-Isolierglas**


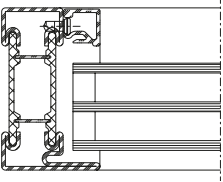
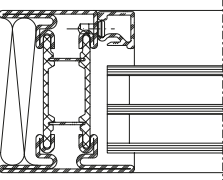
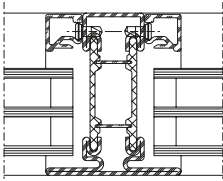
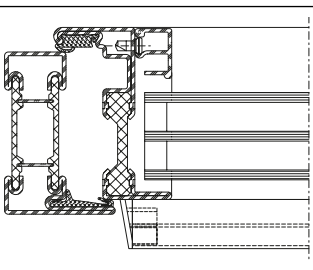
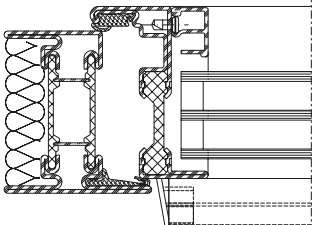
Festverglasungen und  
 Fenster nach innen öffnend


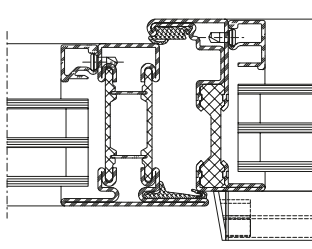
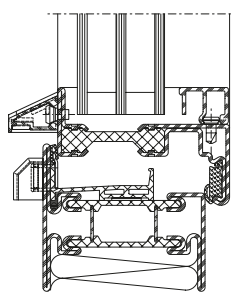
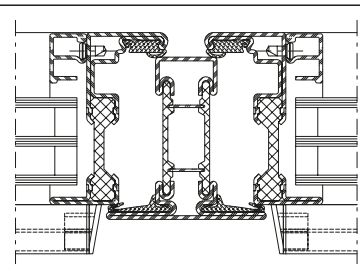
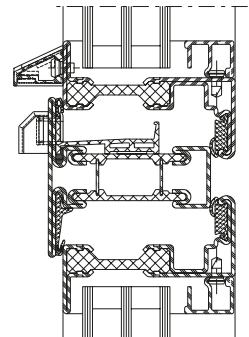
**Janisol Arte acier  
 Triple verre isolant**

Vitrages fixes et fenêtres  
 ouvrant vers l'intérieur

**Janisol Arte steel  
 Triple insulating glazing**

Fixed lights and  
 windows inward opening

	Füllelementstärken Eléments de remplissages Infill elements	
	≥ 36 mm	≥ 46 mm
	1,9 W/m²K	1,8 W/m²K
	1,6 W/m²K	1,5 W/m²K
	1,8 W/m²K	1,8 W/m²K
	2,7 W/m²K	2,7 W/m²K
	2,4 W/m²K	2,4 W/m²K

	Füllelementstärken Eléments de remplissages Infill elements	
	≥ 36 mm	≥ 46 mm
	2,6 W/m²K	2,6 W/m²K
	2,4 W/m²K	2,4 W/m²K
	2,9 W/m²K	2,8 W/m²K
	2,9 W/m²K	2,8 W/m²K

**Janisol Arte Stahl  
 optimiert  
 Zweifach-Isolierglas**

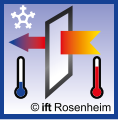
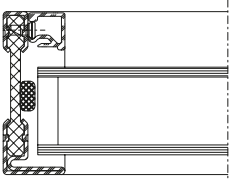
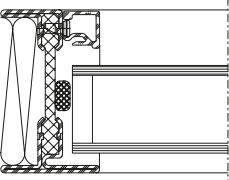
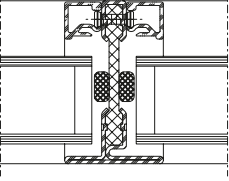
Festverglasungen und  
 Fenster nach innen öffnend

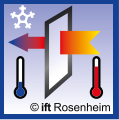
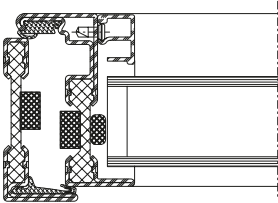
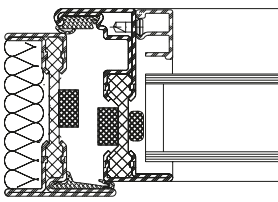
**Janisol Arte acier  
 optimisé  
 Double verre isolant**

Vitrages fixes et fenêtres  
 ouvrant vers l'intérieur

**Janisol Arte steel  
 optimised  
 Double insulating glazing**

Fixed lights and  
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,4 W/m²K	X
	1,8 W/m²K	X
	2,1 W/m²K	X

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	3,1 W/m²K	2,5 W/m²K
	2,7 W/m²K	2,2 W/m²K

**Janisol Arte Stahl  
 optimiert  
 Zweifach-Isolierglas**

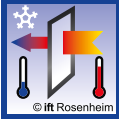
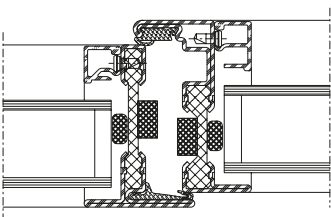
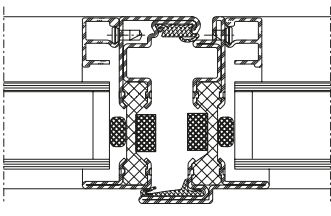
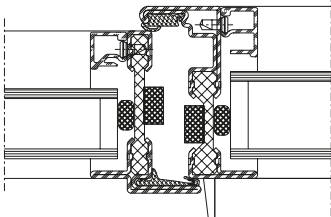
Festverglasungen und  
 Fenster nach innen öffnend

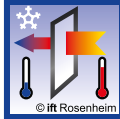
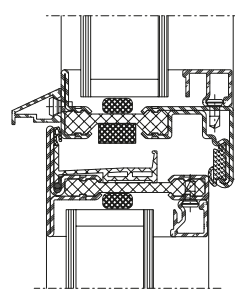
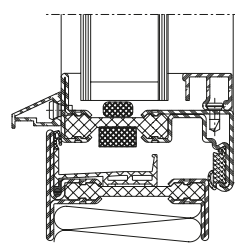
**Janisol Arte acier  
 optimisé  
 Double verre isolant**

Vitrages fixes et fenêtres  
 ouvrant vers l'intérieur

**Janisol Arte steel  
 optimised  
 Double insulating glazing**

Fixed lights and  
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	<b>3,0 W/m²K</b>	<b>2,4 W/m²K</b>
	<b>3,0 W/m²K</b>	<b>2,5 W/m²K</b>
	<b>2,9 W/m²K</b>	<b>2,4 W/m²K</b>

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	<b>2,9 W/m²K</b>	<b>2,6 W/m²K</b>
	<b>2,6 W/m²K</b>	<b>2,4 W/m²K</b>



**Janisol Arte Stahl  
 optimiert  
 Zweifach-Isolierglas**


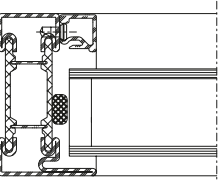
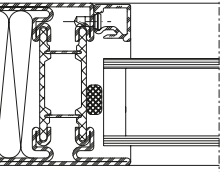
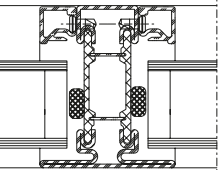
Festverglasungen und  
 Fenster nach innen öffnend


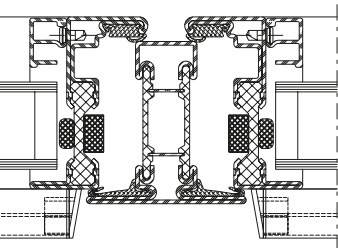
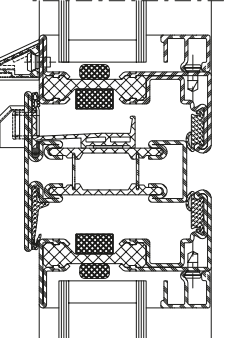
**Janisol Arte acier  
 optimisé  
 Double verre isolant**

Vitrages fixes et fenêtres  
 ouvrant vers l'intérieur

**Janisol Arte steel  
 optimised  
 Double insulating glazing**

Fixed lights and  
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	1,8 W/m²K	
	1,5 W/m²K	
	1,7 W/m²K	

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,8 W/m²K	
	2,8 W/m²K	

**Janisol Arte Stahl  
 optimiert  
 Zweifach-Isolierglas**

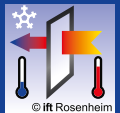
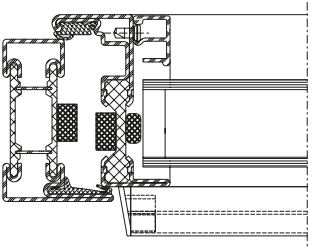
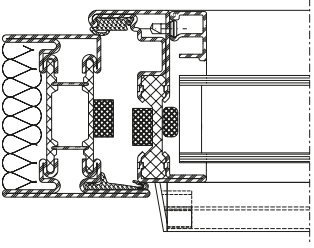
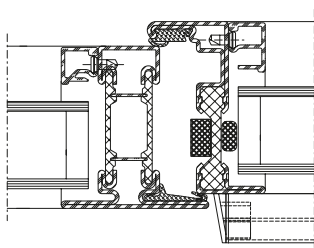
Festverglasungen und  
 Fenster nach innen öffnend

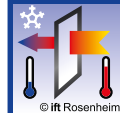
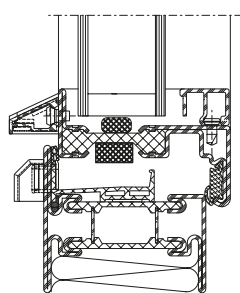
**Janisol Arte acier  
 optimisé  
 Double verre isolant**

Vitrages fixes et fenêtres  
 ouvrant vers l'intérieur

**Janisol Arte steel  
 optimised  
 Double insulating glazing**

Fixed lights and  
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,7 W/m²K	2,2 W/m²K
	2,4 W/m²K	2,0 W/m²K
	2,6 W/m²K	2,1 W/m²K

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,3 W/m²K	2,1 W/m²K

**Janisol Arte Stahl  
 optimiert  
 Dreifach-Isolierglas**

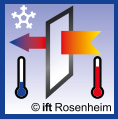
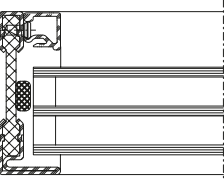
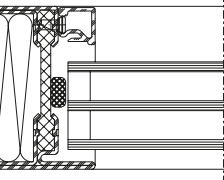
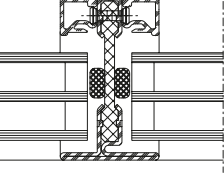
Festverglasungen und  
 Fenster nach innen öffnend

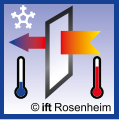
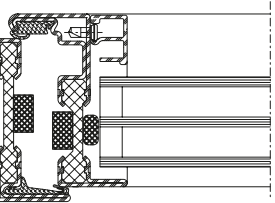
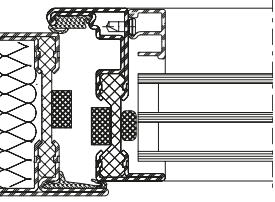
**Janisol Arte acier  
 optimisé  
 Triple verre isolant**

Vitrages fixes et fenêtres  
 ouvrant vers l'intérieur

**Janisol Arte steel  
 optimised  
 Triple insulating glazing**

Fixed lights and  
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,0 W/m²K	
	1,6 W/m²K	
	1,6 W/m²K	

	Füllelementstärken Éléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	3,0 W/m²K	2,5 W/m²K
	2,6 W/m²K	2,2 W/m²K

**Janisol Arte Stahl  
 optimiert  
 Dreifach-Isolierglas**


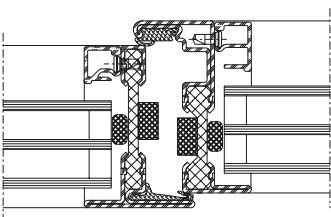
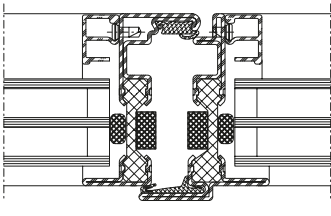
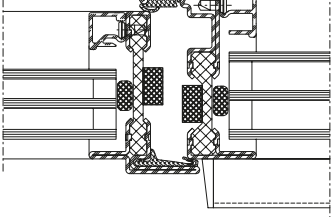
Festverglasungen und  
 Fenster nach innen öffnend


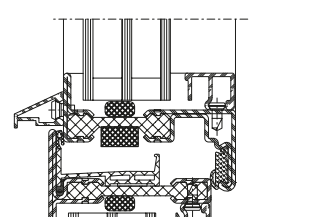
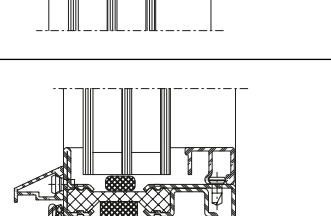
**Janisol Arte acier  
 optimisé  
 Triple verre isolant**

Vitrages fixes et fenêtres  
 ouvrant vers l'intérieur

**Janisol Arte steel  
 optimised  
 Triple insulating glazing**

Fixed lights and  
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,7 W/m²K	2,2 W/m²K
	2,9 W/m²K	2,4 W/m²K
	2,7 W/m²K	2,2 W/m²K

	Füllelementstärken Éléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,6 W/m²K	2,4 W/m²K
	2,6 W/m²K	2,3 W/m²K

**Janisol Arte Stahl  
 optimiert  
 Dreifach-Isolierglas**

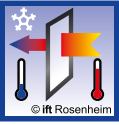
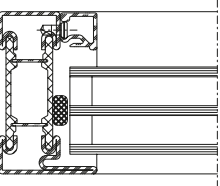
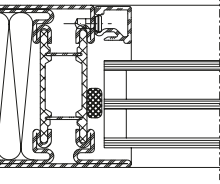
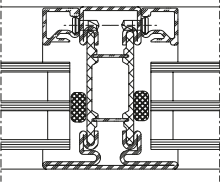
Festverglasungen und  
 Fenster nach innen öffnend


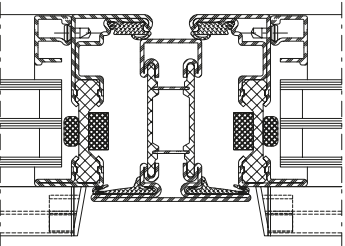
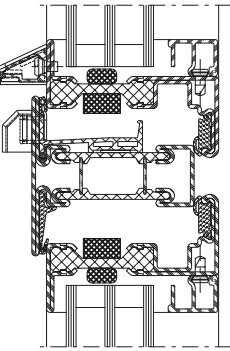
**Janisol Arte acier  
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	Füllelementstärken Eléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
		1,6 W/m²K
		1,4 W/m²K
	1,4 W/m²K	

	Füllelementstärken Eléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
		2,7 W/m²K
		2,7 W/m²K

**Janisol Arte Stahl  
 optimiert  
 Dreifach-Isolierglas**


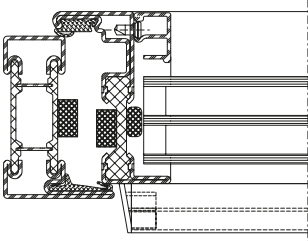
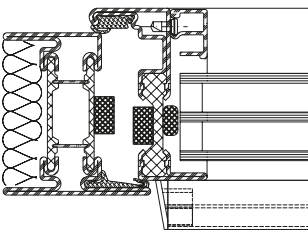
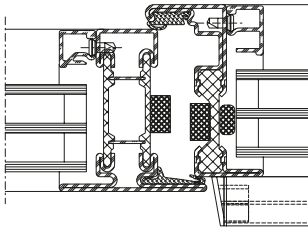
Festverglasungen und  
 Fenster nach innen öffnend

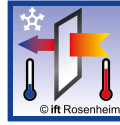
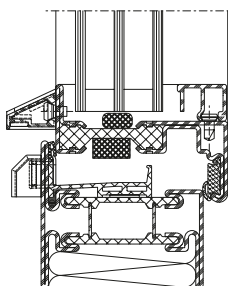
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	Füllelementstärken Eléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,6 W/m²K	2,2 W/m²K
	2,3 W/m²K	1,9 W/m²K
	2,4 W/m²K	2,0 W/m²K

	Füllelementstärken Eléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,3 W/m²K	2,0 W/m²K



## Schalldämmung

## Isolation phonique

## Sound insulation

### Ausführungsvarianten

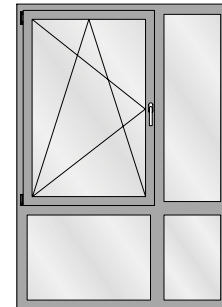
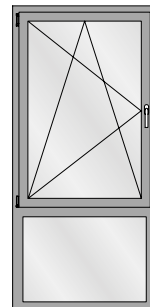
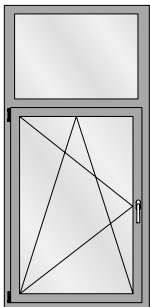
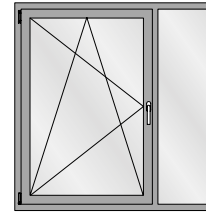
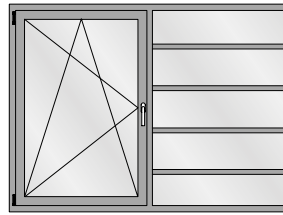
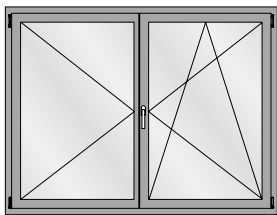
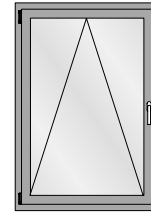
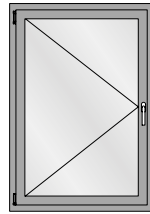
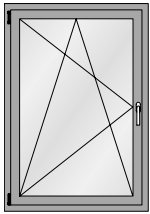
Die nachfolgende Typenübersicht ergibt einen Überblick über die beurteilten Varianten.

### Modèles

L'aperçu des types suivant fournit une vue d'ensemble des variantes examinées.

### Design range

The following overview of types provides an overview of the evaluated designs.



**Tabelle**

Korrekturtabelle für Janisol Arte 66 Fenster mit Mehrscheiben-Isolierglas

**Tableau A1**

Tableau de correction pour les fenêtres Janisol Arte 66 avec vitrage isolant multi-vitres

**Table A1**

Correction table for Janisol Arte 66 windows with multi-pane insulating glass

	1	2	7	8	9	10	12	13	14	
	<b>Fenster</b> <b>Fenêtre</b> <b>Window</b>	<b>Glas</b> <b>Verre</b> <b>Glass</b>	<b>Korrekturen</b> <b>Corrections</b> <b>Corrections</b>							
	$R_{W, Fenster}$ dB	$R_{W, P, Glas}$ dB	$K_{FF}$ dB	$K_{G 0,4}$ dB	$K_{GK 0,7/A1,0}$ dB	$K_{GK 1,1/A1,8}$ dB	$K_{G 1,8}$ dB	$K_{G 2,9}$ dB	$K_{G 3,7}$ dB	
1	29	28	0	0	-2	-2	-2	-3	-4	
2	30	29	0	0	-2	-2	-2	-3	-4	
3	31	30	0	0	-2	-2	-2	-3	-4	
4	32	31	0	0	-2	-2	-2	-3	-4	
5	33	32	0	0	-2	-2	-2	-3	-4	
6	33	33	0	0	-2	-2	-2	-3	-4	
7	34	34	0	0	-2	-2	-2	-3	-4	
8	35	35	0	0	-2	-2	-2	-3	-4	
9	36	36	0	0	-2	-2	-2	-3	-4	
10	37	37	0	0	-2	-2	-2	-3	-4	
11	38	38	0	0	-2	-2	-2	-3	-4	
12	39	39	0	0	-2	-2	-2	-3	-4	
13	40	40	0	0	-2	-2	-2	-4	-4	
14	41	41	0	-1	-2	-2	-2	-4	-4	
15	42	42	0	-1	-2	-2	-2	-4	-4	
16	43	43	0	-2	-2	-2	-2	-4	-4	
17	44	44	0	-2	-2	-2	-2	-4	-4	
18	45	45	0	-3	-3	-3	-2	-4	-4	
19	45	46	0	-4	-3	-3	-4	-5	-5	
20	46	47	+1	-4	-3	-3	-5	-5	-6	
21	46	48	+1	-5	-3	-3	-5	-5	-6	
22	47	49	+2	-5	-3	-3	-5	-5	-6	



Der aus der Tabelle A1 abzulesende Wert für die Schalldämmung  $R_{W, Fenster}$  beträgt:

La valeur à relever sur le tableau A1 concernant l'isolement contre les sons aériens  $R_{W, Fenêtre}$  est la suivante:

The value taken from table A1 for the sound insulation  $R_{W, Window}$  is:

$$R_{W, Fenster} = R_W + K_{FF} + K_{G 0,4} + K_{GK 0,7/A1,0} + K_{GK 1,1/A1,8} + K_{G 1,8} + K_{G 2,9} + K_{G 3,7} \text{ dB}$$

$K_{FF}$	Korrekturwert für Festverglasungen	$K_{FF}$	Valeur de correction pour vitrages fixes	$K_{FF}$	Correction value for fixed glazings
$K_{G 0,4}$	Korrekturwert für Einzelscheiben $\leq 0,4 \text{ m}^2$ .	$K_{G 0,4}$	Valeur de correction pour vitres individuelles $\geq 0,4 \text{ m}^2$	$K_{G 0,4}$	Correction value for single panes $\leq 0,4 \text{ m}^2$ .
$K_{GK 0,7/A1,0}$	Korrekturwert für Elemente mit Einzelscheiben mit einer Kantenlänge $\leq 0,7 \text{ m}$ und einer Fläche $\geq 1,0 \text{ m}^2$	$K_{GK 0,7/A1,0}$	Valeur de correction pour éléments à vitre individuelle avec une longueur de bord $\leq 0,7 \text{ m}$ et une surface $\geq 1,0 \text{ m}^2$	$K_{GK 0,7/A1,0}$	Correction value for units with single panes with an edge length $\leq 0.7 \text{ m}$ and an area $\geq 1.0 \text{ m}^2$
$K_{GK 1,1/A1,8}$	Korrekturwert für Elemente mit Einzelscheiben mit einer Kantenlänge $\leq 1,1 \text{ m}$ und einer Fläche $\geq 1,8 \text{ m}^2$ und $\leq 3,4 \text{ m}^2$	$K_{GK 1,1/A1,8}$	Valeur de correction pour éléments à vitre individuelle avec une longueur de bord $\leq 1,1 \text{ m}$ et une surface $\geq 1,8 \text{ m}^2$ et $\leq 3,4 \text{ m}^2$	$K_{GK 1,1/A1,8}$	Correction value for units with single panes with an edge length $\leq 1.1 \text{ m}$ and an area $\geq 1.8 \text{ m}^2$ and $\leq 3.4 \text{ m}^2$
$K_{G 1,8}$	Korrekturwert für Einzelscheiben mit einer Glasfläche $\geq 1,8 \text{ m}^2$	$K_{G1,8}$	Valeur de correction pour vitres individuelles avec surface vitrée $\geq 1,8 \text{ m}^2$	$K_{G1,8}$	Correction value for single panes with a glass area $\geq 1,8 \text{ m}^2$
$K_{G 2,9}$	Korrekturwert für Einzelscheiben mit einer Glasfläche $\geq 2,9 \text{ m}^2$	$K_{G2,9}$	Valeur de correction pour vitres individuelles avec surface vitrée $\geq 2,9 \text{ m}^2$	$R_{G2,9}$	Correction value for single panes with a glass area $\geq 2,9 \text{ m}^2$
$K_{G3,7}$	Korrekturwert für Einzelscheiben mit einer Glasfläche $\geq 3,7 \text{ m}^2$ und $\leq 5,5 \text{ m}^2$	$R_{G3,7}$	Valeur de correction pour vitres individuelles avec surface vitrée $\geq 3,7 \text{ m}^2$ et $\leq 5,5 \text{ m}^2$	$R_{G3,7}$	Correction value for single panes with a glass area $\geq 3,7 \text{ m}^2$ and $\leq 5,5 \text{ m}^2$



Grafische Planungsdaten wie z.B. Anwendungsbeispiele, Konstruktionsdetails, Anschlüsse am Bau, die in unseren physischen oder elektronischen Dokumentationsunterlagen enthalten sind, sind schematische Darstellungen. Gleiches gilt für digitale Medien wie CAD Dateien oder BIM Modelle.

Sie sollen den ausführenden Metallbauer und/oder Fachplaner bei der Planung und Ausführung eines Projektes unterstützen. Sie sind im konkreten Anwendungsfall durch den ausführenden Metallbauer und/oder Fachplaner auf die Verwendbarkeit im konkreten betroffenen Projekt hinsichtlich rechtlichen/regulatorischen aber auch technischen objektspezifischen Anforderungen zu überprüfen und ggfs. eigenverantwortlich anzupassen.

Bei der Überprüfung, der spezifischen Planung und der Umsetzung sind die objektspezifischen Rahmenbedingungen (Material der Bausubstanz, Dimension des Einbauelements, Farbe, Exposition, Lasteinwirkung, etc.) sowie der geltende Stand der Technik einschliesslich aller anwendbaren Normen und technischen Richtlinien eigenverantwortlich zu beachten.

Falls das vorliegende Dokument Differenzen zur aktuellen deutschen Version (Artikel Nr. K1214223) aufweist, gilt in jedem Fall der deutsche Originaltext in der jeweils geltenden Fassung im Jansen Docu Center.

Alle Ausführungen dieser Dokumentation haben wir sorgfältig und nach bestem Wissen zusammengestellt. Wir können aber keine Verantwortung für die Benutzung der vermittelten Vorschläge und Daten übernehmen. Wir behalten uns technische Änderungen ohne Vorankündigung vor.

Les données de planification graphiques, comme les exemples d'application, détails de construction et raccordements au bâtiment, fournies dans notre documentation physique et numérique sont des représentations schématiques. Il en va de même pour les médias numériques comme les fichiers CAD ou modèles BIM.

Leur but est de faciliter la planification et réalisation d'un projet par les constructeurs métalliques et/ou concepteurs. Concrètement, elles doivent être vérifiées par le constructeur métallique et/ou le concepteur et, le cas échéant, modifiées de son propre chef pour s'assurer qu'elles concordent avec le projet concerné et qu'elles répondent aux exigences techniques spécifiques ainsi qu'aux dispositions légales et réglementaires.

Lors de la vérification, de la planification spécifique et de la mise en œuvre, il y a lieu de tenir compte des conditions spécifiques à l'objet (matériaux du bâtiment, dimension de l'élément d'insert, couleur, exposition, effet de charge, etc.) ainsi que de l'état actuel de la technique, y compris toutes les normes et directives techniques applicables.

En cas de divergence entre le présent document et la version allemande (no d'article K1214223), c'est dans tous les cas le texte original allemand qui prévaut dans sa version actuelle disponible dans le Jansen Docu Center.

Nous avons apporté le plus grand soin à l'élaboration de cette documentation. Cependant, nous déclinons toute responsabilité pour l'utilisation faite de nos propositions et de nos données.

Nous nous réservons le droit de procéder à des modifications techniques sans préavis.

Graphical planning data such as application examples, construction details, connections on site that are contained in our physical or electronic documentation components are schematic representations. The same applies to digital media such as CAD files or BIM models.

They are intended to support the metal worker and/or design engineer in planning and executing projects. In the specific case of application they are to be checked by the metal worker and/or design engineer in terms of their usability in the specific project concerned with regard to legal/regulatory and technical property-specific requirements and adjusted if necessary at the latter's own responsibility.

The property-specific underlying conditions (construction material, dimensions of installation element, colour, exposure, load effect etc.) and current state of the art including all applicable norms and technical guidelines are to be taken into consideration at the metal worker and/or design engineer's own responsibility during the review, specific planning and implementation.

If there are any differences between this document and the current German version (item number K1214223), the latest version of the original German text in the Jansen Docu Center shall prevail.

All the information contained in this documentation is given to the best of our knowledge and ability. However, we decline all responsibility for the use made of these suggestions and data.

We reserve the right to effect technical modifications without prior warning.

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<b>Inhaltsverzeichnis</b>		Janisol Arte 66
<b>Sommaire</b>		Janisol Arte 66
<b>Content</b>		Janisol Arte 66

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<b>Systemübersicht</b>	<b>Sommaire du système</b>	<b>Summary of system</b>	<b>2</b>
Merkmale Leistungseigenschaften Typenübersicht	Caractéristiques Caractéristiques de performance Sommaire des types	Characteristics Performance characteristics Summary of types	

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<b>Profilsortiment</b>	<b>Assortiment de profilé</b>	<b>Range of profiles</b>	<b>8</b>
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<b>Beispiele</b>	<b>Exemples</b>	<b>Examples</b>	<b>14</b>
Schnittpunkte Konstruktionsdetails Anschlüsse am Bau	Coupes de détails Détails de construction Raccords au mur	Section details Construction details Attachment to structure	

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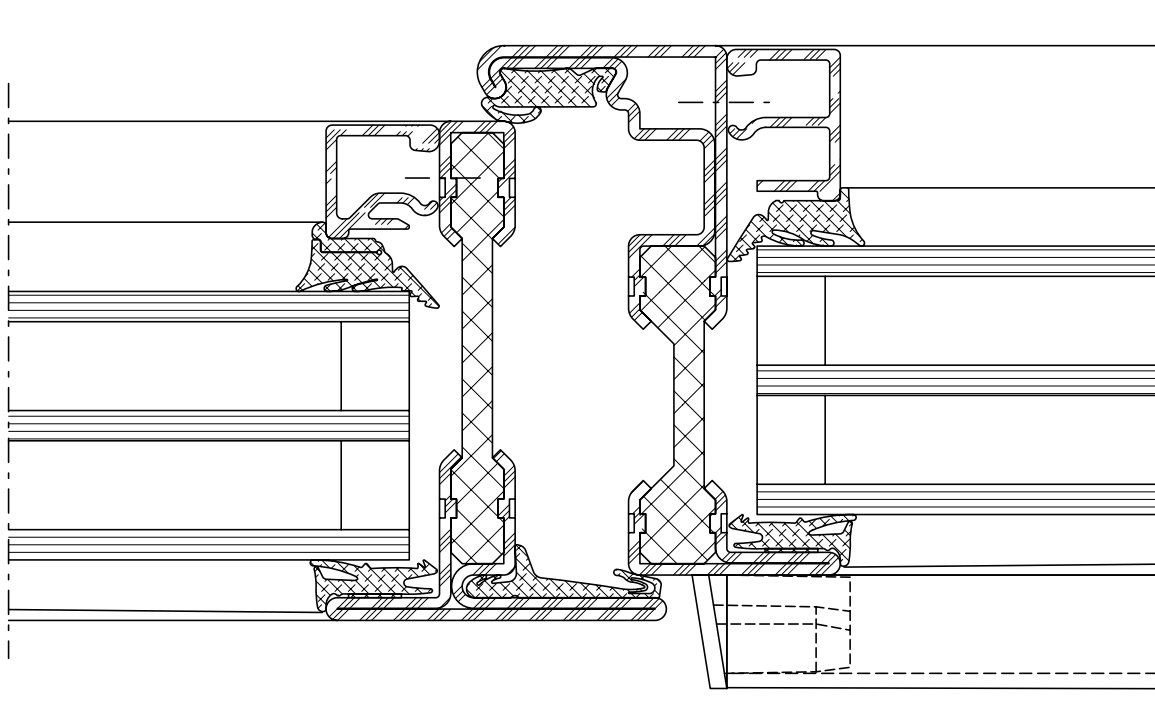
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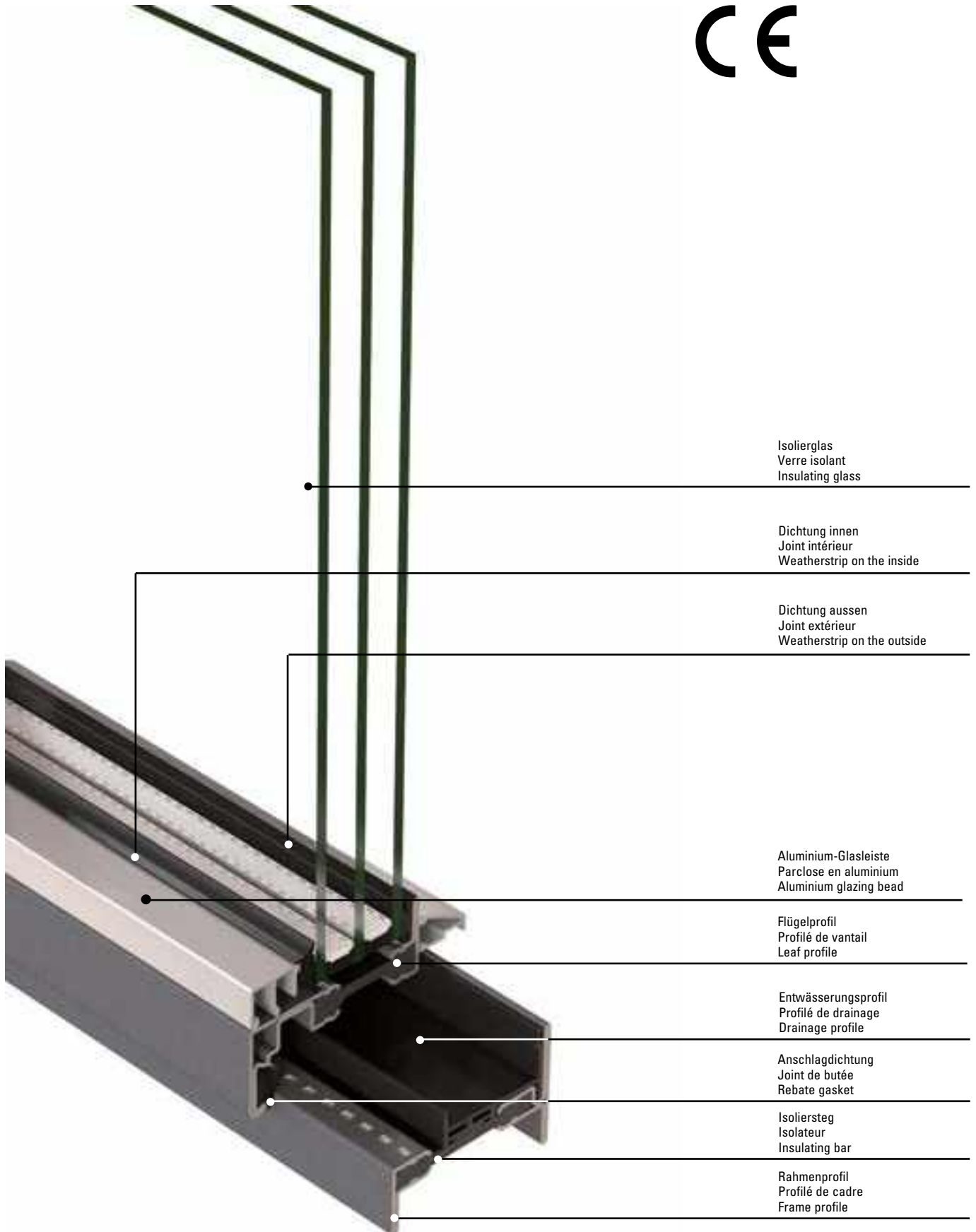
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**Merkmale**  
**Caractéristiques**  
**Characteristics**

Janisol Arte 66  
Janisol Arte 66  
Janisol Arte 66

- Wärmegeädämmtes Stahlsystem für Fenster und Festverglasungen
- Bautiefe 60/66 mm, Fensterflügel 70 mm
- Schmale Ansichtsbreiten: Fenstersprossen 40 mm Rahmen inkl. Flügel ab 53 mm Stulppartie 76 mm
- Ein- und zweiflüglige Dreh- und Drehkippenfenster und Kippenfenster nach innen öffnend
- Dreh- und Drekippen-Fensterflügel bis 2300 mm Höhe
- Flügelgewichte bis 180 kg
- Füllelementstärken von 15 bis 44 mm, Glaseinbau mittels Trocken- oder Nassverglasung
- Systemprüfungen nach Produktnorm EN 14351-1
- Profil-Verbundtechnik nach EN 14024 und DIN 18056 geprüft
- Geeignet für Pulver- und Nasslackbeschichtungen
- Oberfläche ZF 100 für ein optimiertes Schweissverhalten
- Système en acier à rupture de pont thermique pour fenêtres et vitrages fixes
- Profondeur de montage 60/66 mm, vantail de fenêtre 70 mm
- Fines largeurs de face: Meneau de fenêtre 40 mm Cadre avec vantail à partir de 53 mm Partie tête 76 mm
- Fenêtres ouvrant à la française et oscillo-battantes à un et deux vantaux et fenêtres à soufflet à ouverture vers l'intérieur
- Vantaux à la française et oscillo-battants jusqu'à 2300 mm hauteur
- Poids de vantail jusqu'à 180 kg
- Éléments de remplissage de 15 à 44 mm d'épaisseur, montage du vitrage à sec ou au silicone
- Contrôles des systèmes selon la norme produit EN 14351-1
- Technique d'assemblage de profilés contrôlée selon EN 14024 et DIN 18056
- Convient aux revêtements par poudre ou peinture liquide
- Surface ZF 100 pour un comportement au soudage optimisé
- Thermally insulated steel system for windows and fixed glazing
- Basic depth 60/66 mm, window vent 70 mm
- Narrow face widths: Window sash bars 40 mm Frame including vent from 53 mm Double vent assembly 76 mm
- Single and double-vent side-hung and turn/tilt windows and bottom-hung windows, inward-opening
- Side-hung and turn/tilt window vents up to 2300 mm height
- Vent weights up to 180 kg
- Infill unit thicknesses from 15 to 44 mm, glazing installed by means of dry or wet glazing
- System tests in accordance with the product standard EN 14351-1
- Profile bonding technology tested in accordance with EN 14024 and DIN 18056
- Suitable for powder and wet paint coating
- ZF 100 surface finish for optimised welding characteristics





Norm	Eigenschaft Caractéristique Characteristic	Klassifizierung / Wert Classification / Valeur Classification / Value														
		npd	C1 (400)	C2 (800)	C3 (1200)	C4 (1600)	C5 (2000)	1A (0)	2A (50)	3A (100)	4A (150)	5A (200)	6A (250)	7A (300)	8A (450)	9A (600)
 EN 12210	<b>Widerstandsfähigkeit bei Windlast</b> <b>Résistance à la pression du vent</b> <b>Resistance to wind load</b>	npd	C1 (400)	C2 (800)	C3 (1200)	C4 (1600)	C5 (2000)									
 EN 12208	<b>Schlagregendichtheit</b> <b>Étanchéité à la pluie battante</b> <b>Watertightness</b>	npd	1A (0)	2A (50)	3A (100)	4A (150)	5A (200)	6A (250)	7A (300)	8A (450)	9A (600)	Exxx (>750)				
 EN ISO 10140	<b>Schalldämmung</b> $R_w$ ( $C$ , $C_{tr}$ ) (dB) <b>Isolation phonique</b> $R_w$ ( $C$ , $C_{tr}$ ) (dB) <b>Sound insulation</b> $R_w$ ( $C$ , $C_{tr}$ ) (dB)	npd	bis $R_w$ 47 dB (-2; -7) jusqu'à $R_w$ 47 dB (-2; -7) up to $R_w$ 47 dB (-2; -7)													
 EN ISO 10077-2	<b>Wärmedurchgangskoeffizient</b> $U_f$ (W/(m <sup>2</sup> ·K)) <b>Transmission thermique</b> $U_f$ (W/(m <sup>2</sup> ·K)) <b>Thermal production</b> $U_f$ (W/(m <sup>2</sup> ·K))	npd	ab 1,6 W/m <sup>2</sup> ·K à partir de 1,6 W/m <sup>2</sup> ·K from 1,6 W/m <sup>2</sup> ·K													
 EN 12207	<b>Luftdurchlässigkeit</b> <b>Perméabilité à l'air</b> <b>Air permeability</b>	npd	1 (150)	2 (300)	3 (600)	4 (600)										
 EN 14351-1	<b>Tragfähigkeit von Sicherheitsvorrichtungen</b> <b>Capacité portante des dispositifs de sécurité</b> <b>Load-bearing capacity of safety devices</b>	npd	Anforderung erfüllt Exigence remplie Requirement satisfied													
 EN 13115	<b>Mechanische Festigkeit</b> <b>Résistance mécanique</b> <b>Mechanical strength</b>	npd	1	2	3	4										
 EN 13115	<b>Bedienkräfte</b> <b>Forces de manœuvre</b> <b>Operating forces</b>	npd	0	1	2											
 EN 13049	<b>Stoßfestigkeit</b> <b>Résistance aux chocs</b> <b>Impact resistance</b>	npd	1	2	3	4	5									
 EN 14024	<b>Metallprofile mit thermischer Trennung</b> <b>Profils en métal. avec rupture de pont thermique</b> <b>Metal profiles with thermal barrier</b>		CW / TC2 / A													
 DIN 18008-4	<b>Vorgefertigte absturzsichernde Verglasung</b> <b>Vitrage anti-chutes préfabriqué</b> <b>Prefabricated glazing suitable for safety barrier loading</b>		Anhang D.1.2 erfüllt Annexe D.1.2 satisfaite Appendix D.1.2 fulfilled													

npd = keine Leistung festgestellt  
(no performance determined)

npd = aucune performance  
déterminée  
(no performance determined)

npd = no performance determined

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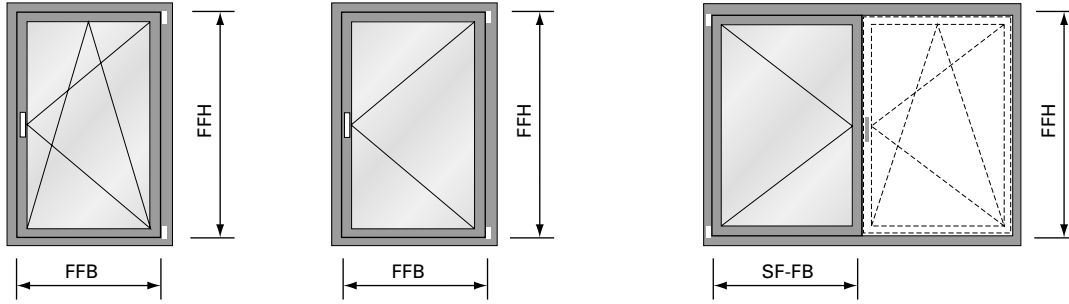


**Technische Daten****Caractéristiques techniques****Technical data**

Janisol Arte 66

Janisol Arte 66

Janisol Arte 66


**Flügelgrößen**  
*Drehkipp-, Drehfenster und*  
*Stulpfenster:*

Max.	FFH = 2300 mm
	FFB = 1400 mm
Min.	FFH = 470 mm
	FFB = 480 mm

Max. Gewicht:	180 kg
FFB/FFH:	≤ 2
max. Fläche:	2,3 m <sup>2</sup>

**Grandeurs du vantail**  
*fenêtre oscillo-battante, à la française et*  
*fenêtre à deux vantaux:*

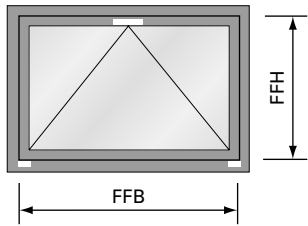
Max.	FFH = 2300 mm
	FFB = 1400 mm
Min.	FFH = 470 mm
	FFB = 480 mm

Poids max.:	180 kg
FFB/FFH:	≤ 2
Surface max:	2,3 m <sup>2</sup>

**Size of vents**  
*turn/tilt, side-hung and*  
*double-vent windows:*

Max.	FFH = 2300 mm
	FFB = 1400 mm
Min.	FFH = 470 mm
	FFB = 480 mm

Max. weight:	180 kg
FFB/FFH:	≤ 2
max. surface:	2,3 m <sup>2</sup>


**Flügelgröße**  
*Kipp-Fenster:*

Max.	FFH = 2300 mm
	FFB = 2300 mm
Min.	FFH = 600 mm
	FFB = 445 mm

Max. Gewicht:	80 kg
---------------	-------

**Grandeur du vantail**  
*fenêtre à soufflet:*

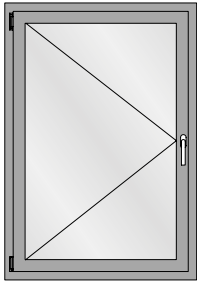
Max.	FFH = 2300 mm
	FFB = 2300 mm
Min.	FFH = 600 mm
	FFB = 445 mm

Poids max.:	80 kg
-------------	-------

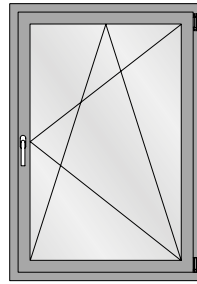
**Size of vent**  
*bottom-hung window:*

Max.	FFH = 2300 mm
	FFB = 2300 mm
Min.	FFH = 600 mm
	FFB = 445 mm

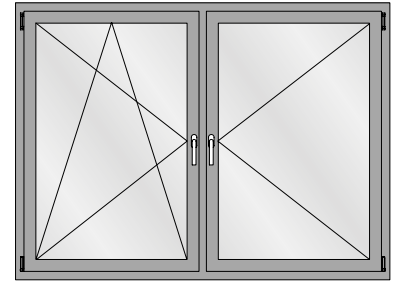
Max. weight:	80 kg
--------------	-------



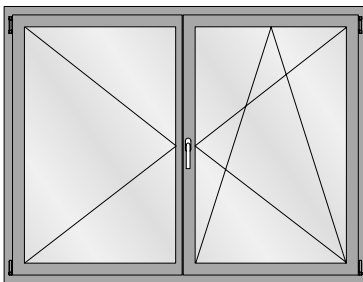
Drehflügel  
Fenêtre à la française  
Side-hung window



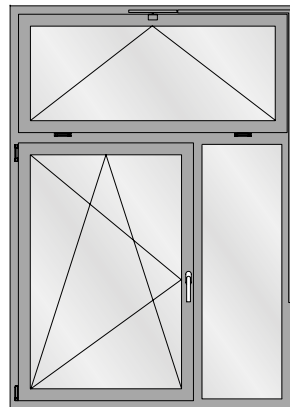
Drehkipp-Flügel  
Vantail oscillo-battant  
Turn/tilt window



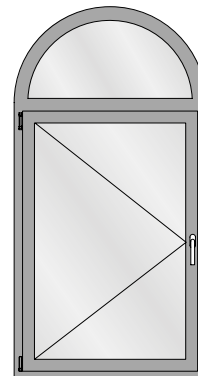
Drehkipp/Drehflügel (mit Pfosten)  
Vantail oscillo-battant/fenêtre à la française  
(avec montant)  
Side-hung/turn/tilt window (with mullion)



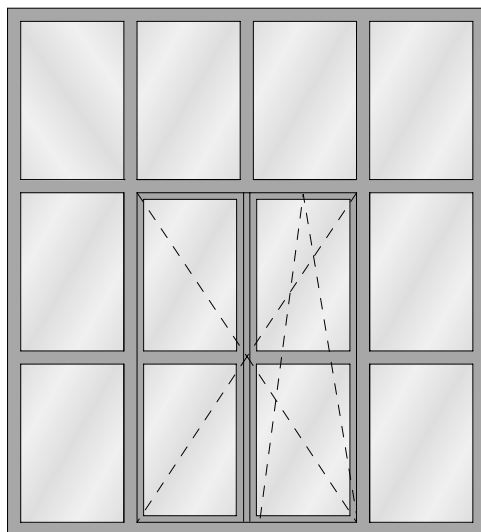
Stulpfenster  
Fenêtre à deux vantaux  
Double leaf window



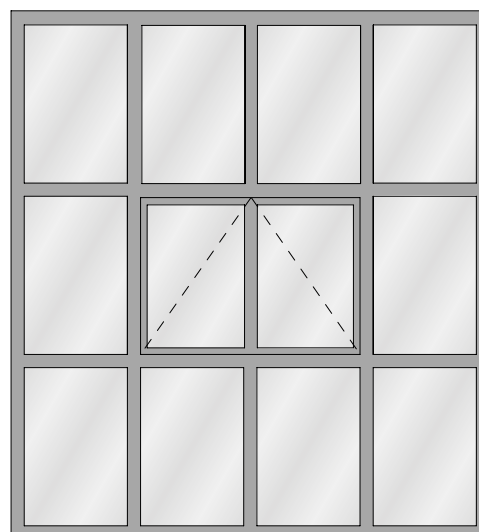
Fenster Drehkipp mit Oberlicht  
Vantail oscillo-battant avec imposte  
Window, turn/tilt with top light



Einflügeliges Fenster mit Rundbogen-Oberlicht  
Fenêtre à la française avec imposte demi-rond  
Side hung window with round arched top light

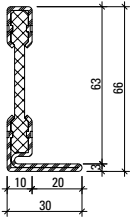


Drehkipp-Flügel mit Festverglasung  
Vantail oscillo-battant avec vitrage fixe et imposte  
Turn/tilt window with fixed lights and top lights



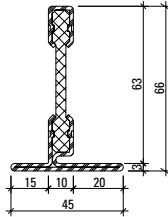
Kippfenster  
Fenêtre à soufflet  
Bottom-hung window

**Profile mit Lappen 20 mm**  
**(Rahmen Drehkipp-Fenster)**

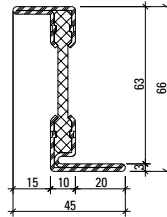


**601.630 Z**  
**601.630.09**

**Profilés avec battue 20 mm**  
**(cadre fenêtre oscillo-battante)**

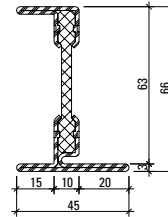


**602.630 Z**  
**602.630.09**

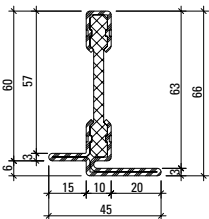


**603.630 Z**  
**603.630.09**

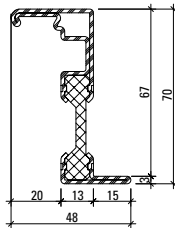
**Profiles with lips, 20 mm**  
**(turn/tilt window frame)**



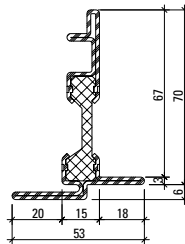
**605.630 Z**  
**605.630.09**



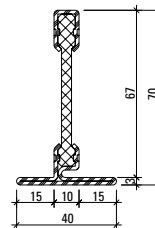
**602.631 Z**  
**602.631.09**



**610.900 Z**  
**610.900.09**

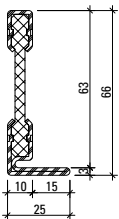


**610.901 Z**  
**610.901.09**



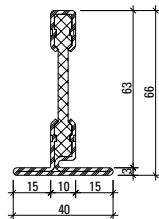
**602.611.7 Z**  
**602.611.79**

**Profile mit Lappen 15 mm**  
**(Festverglasungen)**

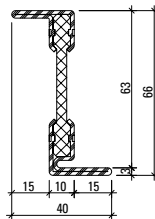


**601.612 Z**

**Profilés avec battue 15 mm**  
**(Vitrages fixes)**

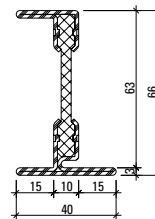


**602.613 Z**



**603.612 Z**  
**603.612.01**  
**603.612.09**

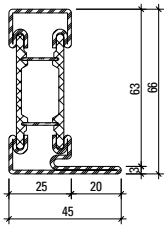
**Profiles with lips 15 mm**  
**(Fixed glazings)**



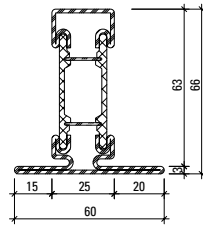
**605.612 Z**

Profil-Nr.	G kg/m	I <sub>x</sub> cm <sup>4</sup>	W <sub>x</sub> cm <sup>3</sup>	I <sub>y</sub> cm <sup>4</sup>	W <sub>y</sub> cm <sup>3</sup>	U m <sup>2</sup> /m
<b>601.630 Z</b>	2,276	9,63	2,12	1,37	0,65	0,214
<b>602.630 Z</b>	2,615	10,65	2,20	2,42	1,02	0,243
<b>603.630 Z</b>	2,619	14,84	3,93	2,42	1,02	0,243
<b>605.630 Z</b>	2,958	16,83	4,05	3,19	1,24	0,272
<b>602.631 Z</b>	2,609	10,11	2,14	2,41	1,01	0,242
<b>602.611.7 Z</b>	2,353	11,85	2,35	1,68	0,84	0,241

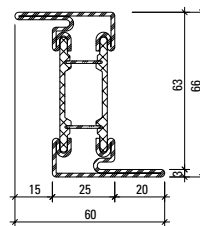
Profil-Nr.	G kg/m	I <sub>x</sub> cm <sup>4</sup>	W <sub>x</sub> cm <sup>3</sup>	I <sub>y</sub> cm <sup>4</sup>	W <sub>y</sub> cm <sup>3</sup>	U m <sup>2</sup> /m
<b>601.612 Z</b>	2,159	9,23	2,12	0,83	0,48	0,204
<b>602.613 Z</b>	2,497	10,41	2,20	1,71	0,85	0,233
<b>603.612 Z</b>	2,502	13,98	3,87	1,71	0,85	0,234
<b>605.612 Z</b>	2,840	16,21	4,02	2,35	1,07	0,262
<b>610.900 Z</b>	3,048					0,272
<b>610.901 Z</b>	3,410					0,298



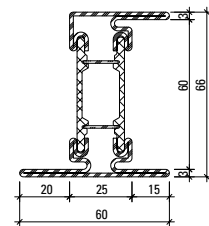
**601.632 Z**



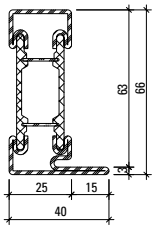
**602.632 Z**



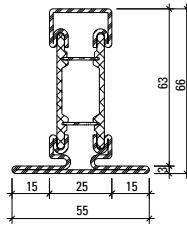
**603.632 Z**



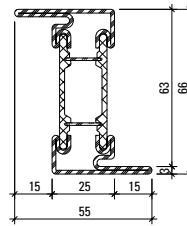
**605.632 Z**



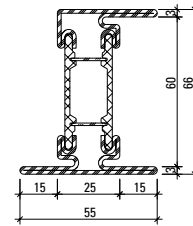
**601.645 Z**



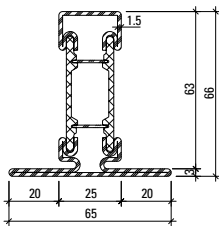
**602.645 Z**



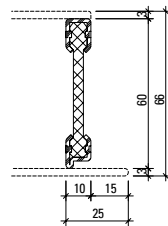
**603.645 Z**



**605.645 Z**



**602.633 Z**



**600.612 Z**

**Oberfläche/Werkstoff**

Artikel-Nr.

**mit Z** = bandverzinkter Stahl

**Werkstoff 1.4401 (AISI 316)**

mit 01 = blank

mit 03 = geschliffen, Korn 220-240

**Werkstoff**

mit x9 = Stahl KB DOCOL 355W  
(Corten)

Edelstahl geschliffen auf Anfrage

**Surface/Matériau**

No. d'article

**avec Z** = bande d'acier zinguée

**Matériau 1.4401 (AISI 316)**

avec 01 = brut

avec 03 = polies, grain 220-240

**Matériau**

avec x9 = acier KB DOCOL 355W  
(Corten)

Acier Inox polie sur demande

**Surface/Material**

Part no.

**with Z** = strip galvanised steel

**Material 1.4401 (AISI 316)**

with 01 = bright

with 03 = polished, grain 220-240

**Material**

with x9 = steel KB DOCOL 355W  
(Corten)

Stainless steel polished on request

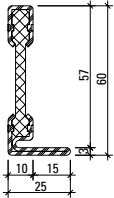
Profil-Nr.	G kg/m	I <sub>x</sub> cm <sup>4</sup>	W <sub>x</sub> cm <sup>3</sup>	I <sub>y</sub> cm <sup>4</sup>	W <sub>y</sub> cm <sup>3</sup>	U m <sup>2</sup> /m
<b>601.632 Z</b>	3,217	16,98	4,21	4,70	1,67	0,249
<b>601.645 Z</b>	3,100	16,29	4,16	3,70	1,52	0,239
<b>602.632 Z</b>	3,701	19,13	4,34	7,15	2,28	0,290
<b>602.645 Z</b>	3,584	18,63	4,31	5,88	2,14	0,280
<b>603.632 Z</b>	3,700	22,63	6,61	7,16	2,28	0,290

Profil-Nr.	G kg/m	I <sub>x</sub> cm <sup>4</sup>	W <sub>x</sub> cm <sup>3</sup>	I <sub>y</sub> cm <sup>4</sup>	W <sub>y</sub> cm <sup>3</sup>	U m <sup>2</sup> /m
<b>603.645 Z</b>	3,583	21,56	6,53	5,88	2,14	0,280
<b>605.632 Z</b>	4,184	26,12	6,83	9,02	2,68	0,331
<b>605.645 Z</b>	4,067	25,31	6,78	7,54	2,53	0,321
<b>602.633 Z</b>	3,819	19,58	4,37	8,53	2,62	0,300
<b>600.612 Z</b>	1,292	4,39	1,44	0,14	0,26	0,150

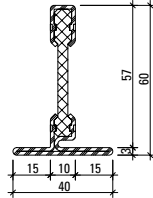
**Profile Janisol Arte 2.0**  
**(Lappen 15 mm)**

**Profilés Janisol Arte 2.0**  
**(Lappen 15 mm)**

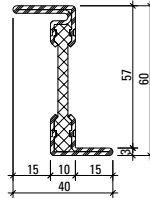
**Profiles Janisol Arte 2.0**  
**(Lappen 15 mm)**



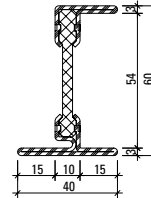
**601.611 Z**  
**601.611.01**  
**601.611.09**



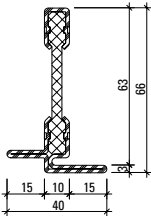
**602.611 Z**  
**602.611.01**  
**602.611.09**



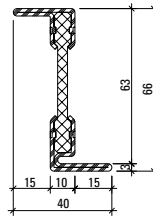
**603.611 Z**  
**603.611.01**  
**603.611.09**



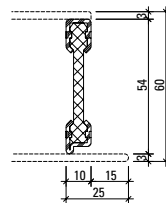
**605.611 Z**  
**605.611.01**  
**605.611.09**



**602.612 Z**  
**602.612.01**  
**602.612.09**



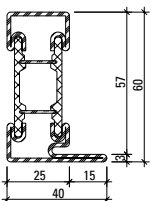
**603.612 Z**  
**603.612.01**  
**603.612.09**



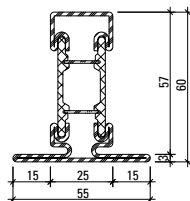
**600.609 Z**

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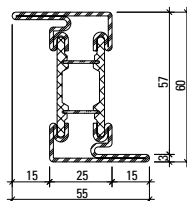
**DXF** **DWG**



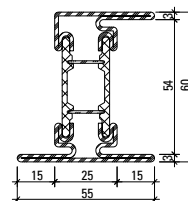
**601.615 Z**  
**601.615.09**



**602.615 Z**  
**602.615.01**  
**602.615.09**



**603.615 Z**  
**603.615.09**



**605.615 Z**  
**605.615.09**

**Stirnseitige Kennzeichnung**  
 Edelstahl (01) = Blau  
 Corten (09) = Grün

**Marquage en face avant**  
 Acier inox (01) = Bleu  
 Corten (09) = Vert

**Labelling on the front**  
 Stainless steel (01) = Blue  
 Corten (09) = Green

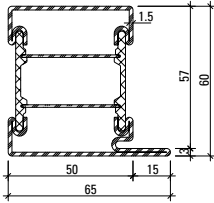
Profil-Nr.	G kg/m	I <sub>x</sub> cm <sup>4</sup>	W <sub>x</sub> cm <sup>3</sup>	I <sub>y</sub> cm <sup>4</sup>	W <sub>y</sub> cm <sup>3</sup>	U m <sup>2</sup> /m
<b>601.611 Z</b>	1,930	7,31	1,85	0,78	0,46	0,192
<b>602.611 Z</b>	2,269	11,85	2,35	1,68	0,84	0,241
<b>603.611 Z</b>	2,273	11,13	3,47	1,68	0,84	0,222
<b>605.611 Z</b>	2,612	13,04	3,60	2,31	1,05	0,251
<b>602.612 Z</b>	2,491	9,75	2,11	1,71	0,85	0,232
<b>603.612 Z</b>	2,502	13,98	3,87	1,71	0,85	0,234

Profil-Nr.	G kg/m	I <sub>x</sub> cm <sup>4</sup>	W <sub>x</sub> cm <sup>3</sup>	I <sub>y</sub> cm <sup>4</sup>	W <sub>y</sub> cm <sup>3</sup>	U m <sup>2</sup> /m
<b>600.609 Z</b>	1,242	3,39	1,23	0,14	0,26	0,138
<b>601.615 Z</b>	3,020	12,93	3,64	3,70	1,52	0,227
<b>602.615 Z</b>	3,516	14,85	3,79	5,88	2,14	0,268
<b>603.615 Z</b>	3,515	17,23	5,74	5,88	2,14	0,268
<b>605.615 Z</b>	3,999	20,27	5,97	7,53	2,53	0,309

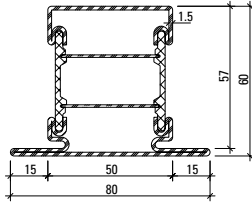
**Profile Janisol Arte 2.0**  
**(Lappen 15 mm)**

**Profils Janisol Arte 2.0**  
**(Lappen 15 mm)**

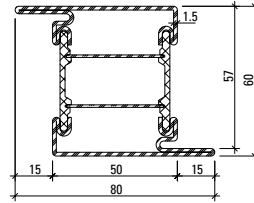
**Profiles Janisol Arte 2.0**  
**(Lappen 15 mm)**



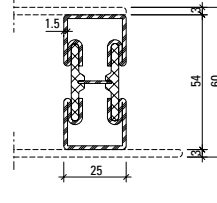
**601.616 Z**



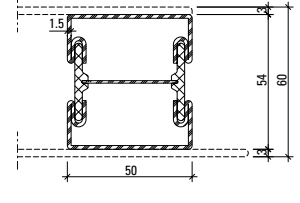
**602.616 Z**



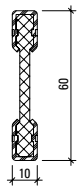
**603.616 Z**



**600.008 Z**



**600.007 Z**



**600.610 Z**

Oberfläche/Werkstoff	
Artikel-Nr.	
<b>mit Z</b>	= bandverzinkter Stahl
<b>Werkstoff 1.4401 (AISI 316)</b>	
mit 01	= blank
mit 03	= geschliffen, Korn 220-240
<b>Werkstoff</b>	
mit 09	= Stahl KB DOCOL 355W (Corten)
Edelstahl geschliffen auf Anfrage	

Surface/Matériau	
No. d'article	
<b>avec Z</b>	= bande d'acier zinguée
<b>Matériau 1.4401 (AISI 316)</b>	
avec 01	= brut
avec 03	= polies, grain 220-240
<b>Matériau</b>	
avec 09	= acier KB DOCOL 355W (Corten)
Acier Inox polie sur demande	

Surface/Material	
Part no.	
<b>with Z</b>	= strip galvanised steel
<b>Material 1.4401 (AISI 316)</b>	
with 01	= bright
with 03	= polished, grain 220-240
<b>Material</b>	
with 09	= steel KB DOCOL 355W (Corten)
Stainless steel polished on request	

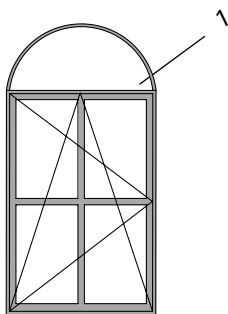
Profil-Nr.	G kg/m	I <sub>x</sub> cm <sup>4</sup>	W <sub>x</sub> cm <sup>3</sup>	I <sub>y</sub> cm <sup>4</sup>	W <sub>y</sub> cm <sup>3</sup>	U m <sup>2</sup> /m
<b>601.616 Z</b>	3,746	17,89	5,20	16,30	4,60	0,295
<b>602.616 Z</b>	4,239	20,08	5,33	22,41	5,60	0,318
<b>603.616 Z</b>	4,219	22,02	7,34	22,38	5,59	0,318
<b>600.610 Z</b>	1,532	4,94	1,65	0,18	0,36	0,151
<b>600.008 Z</b>	2,826	8,12	2,82	2,57	5,06	0,170
<b>600.007 Z</b>	3,429	12,46	4,33	13,50	5,40	0,220

**Gewichte für  
 Edelstahlprofile  
 Poids pour profilés  
 en acier Inox  
 Weights for  
 stainless steel profiles**

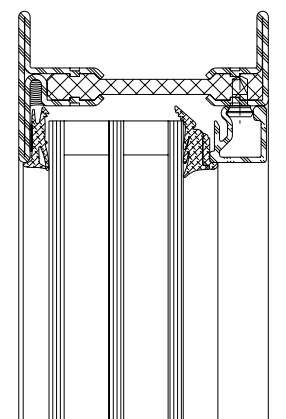
<b>601.611.01</b>	= 1,964 kg/m
<b>602.611.01</b>	= 2,311 kg/m
<b>603.611.01</b>	= 2,316 kg/m
<b>605.611.01</b>	= 2,663 kg/m
<b>602.612.01</b>	= 2,536 kg/m
<b>603.612.01</b>	= 2,548 kg/m
<b>602.615.01</b>	= 3,517 kg/m

**Bogenfenster**  
**Fenêtres cintrées**  
**Arched windows**

Janisol Arte 66  
 Janisol Arte 66  
 Janisol Arte 66



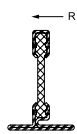
**1.0**



Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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601.612 Z	450 mm
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602.613 Z	450 mm
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Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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603.612 Z	450 mm
603.612.09	450 mm



605.612 Z	450 mm
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Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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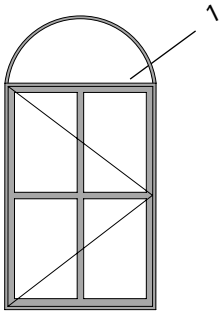
62.510 Z	300 mm
62.511 Z	300 mm
62.512 Z	300 mm



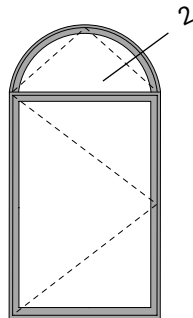
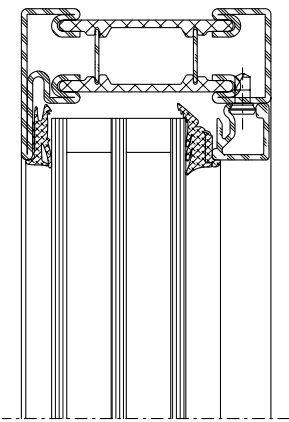
402.190 Z	300 mm
402.191 Z	300 mm
402.192 Z	300 mm



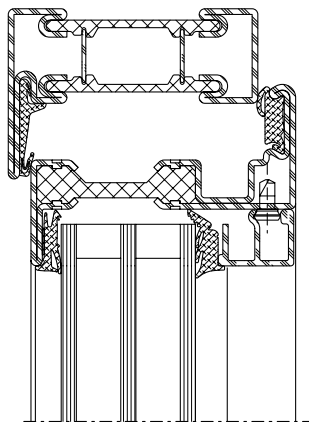
402.990	300 mm
402.991	300 mm
402.992	300 mm



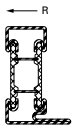
**1.0**



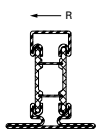
**2.0**



Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
------------------------------	---

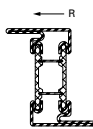


601.632 Z	600 mm
601.645 Z	600 mm

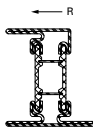


602.632 Z	600 mm
602.645 Z	600 mm
602.633 Z	600 mm

Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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603.632 Z	700 mm
603.645 Z	700 mm



605.632 Z	600 mm
605.645 Z	600 mm

Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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405.030	440 mm
405.031	440 mm
405.032	440 mm
405.033	440 mm

Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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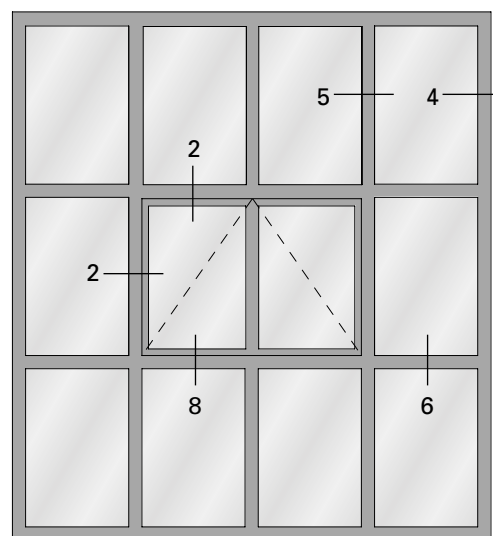
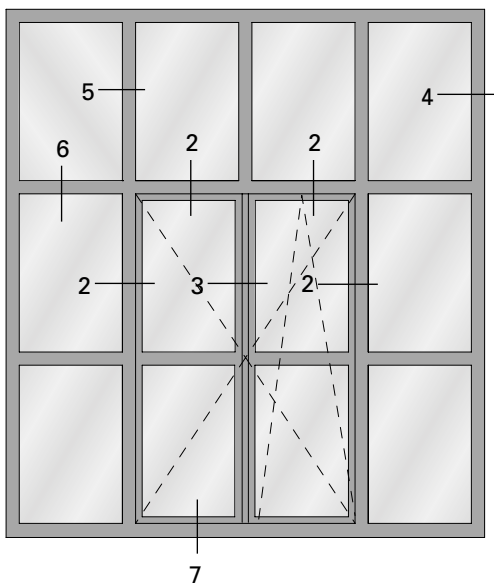
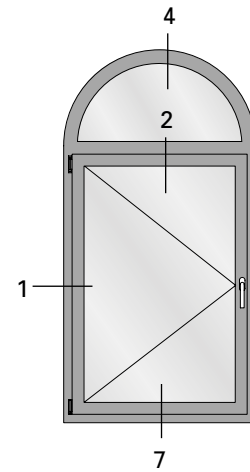
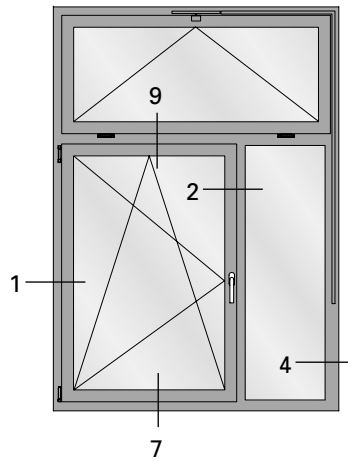
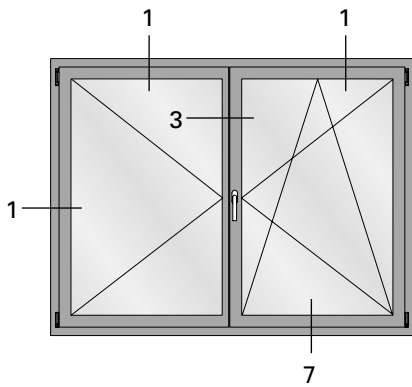
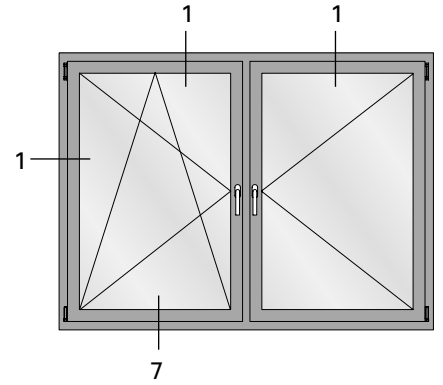
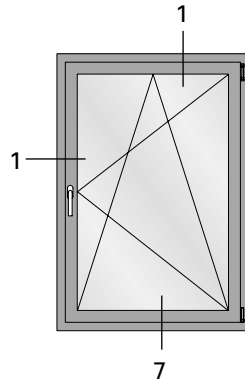
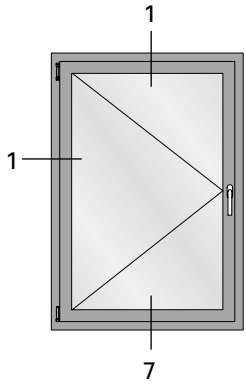


406.930	300 mm
406.931	300 mm
406.932	300 mm



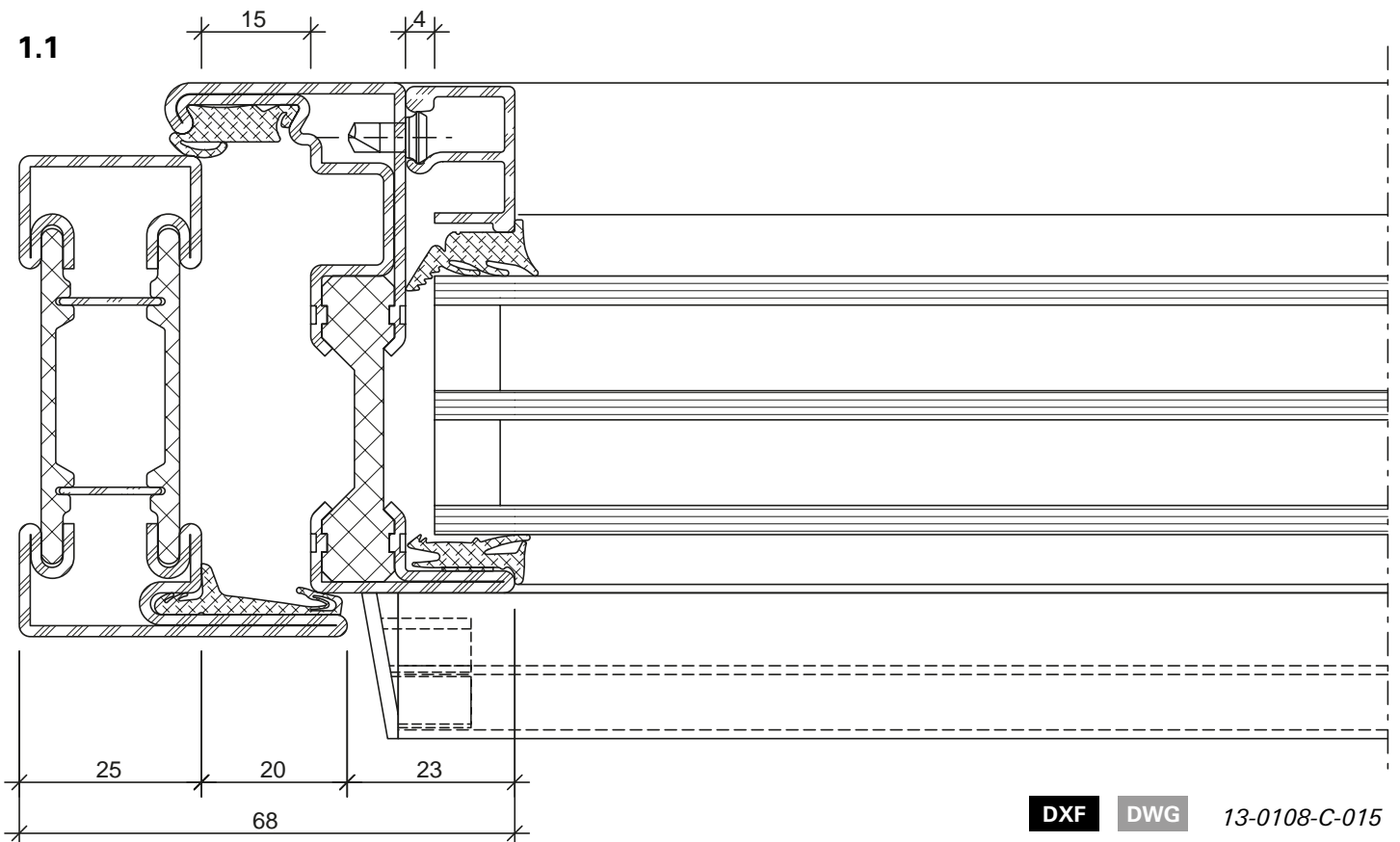
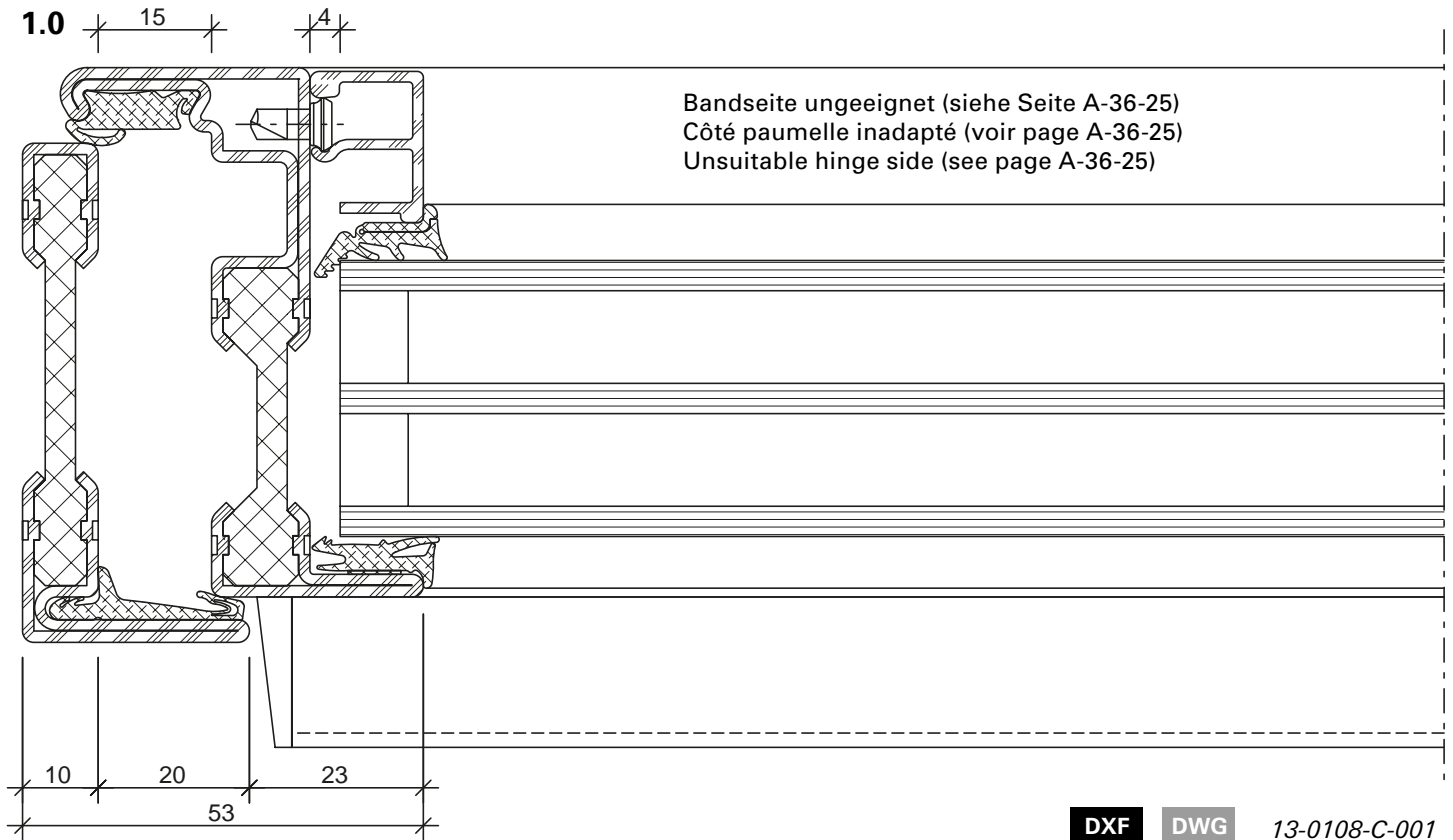
**Schnittpunkte nach innen öffnend**  
**Coupe de détails ouvrant vers l'intérieur**  
**Section details opening inwards**

Janisol Arte 66  
 Janisol Arte 66  
 Janisol Arte 66



**Schnittpunkte nach innen öffnend im Massstab 1:1**  
**Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1**  
**Section details opening inwards on scale 1:1**

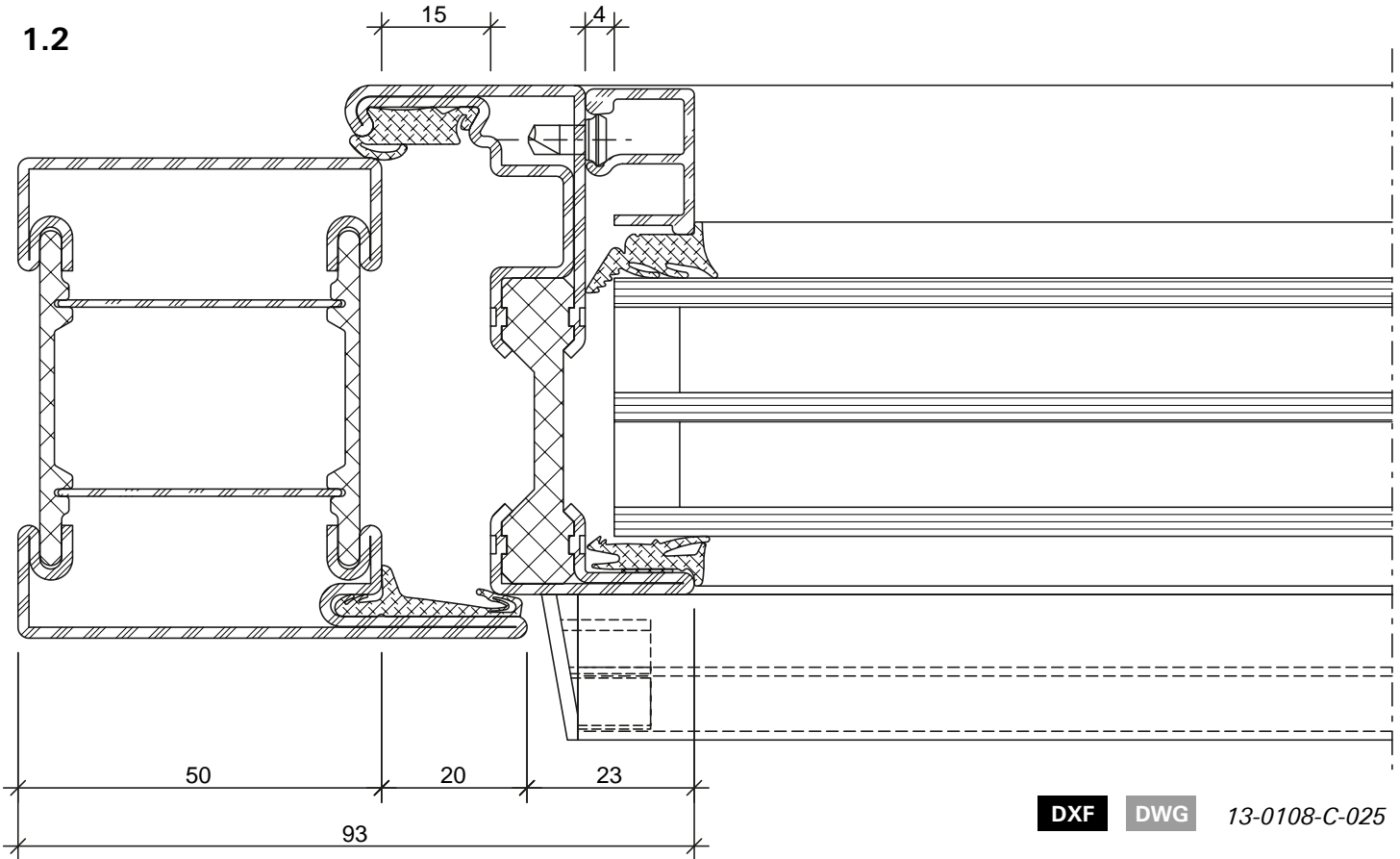
Janisol Arte 66  
Janisol Arte 66  
Janisol Arte 66



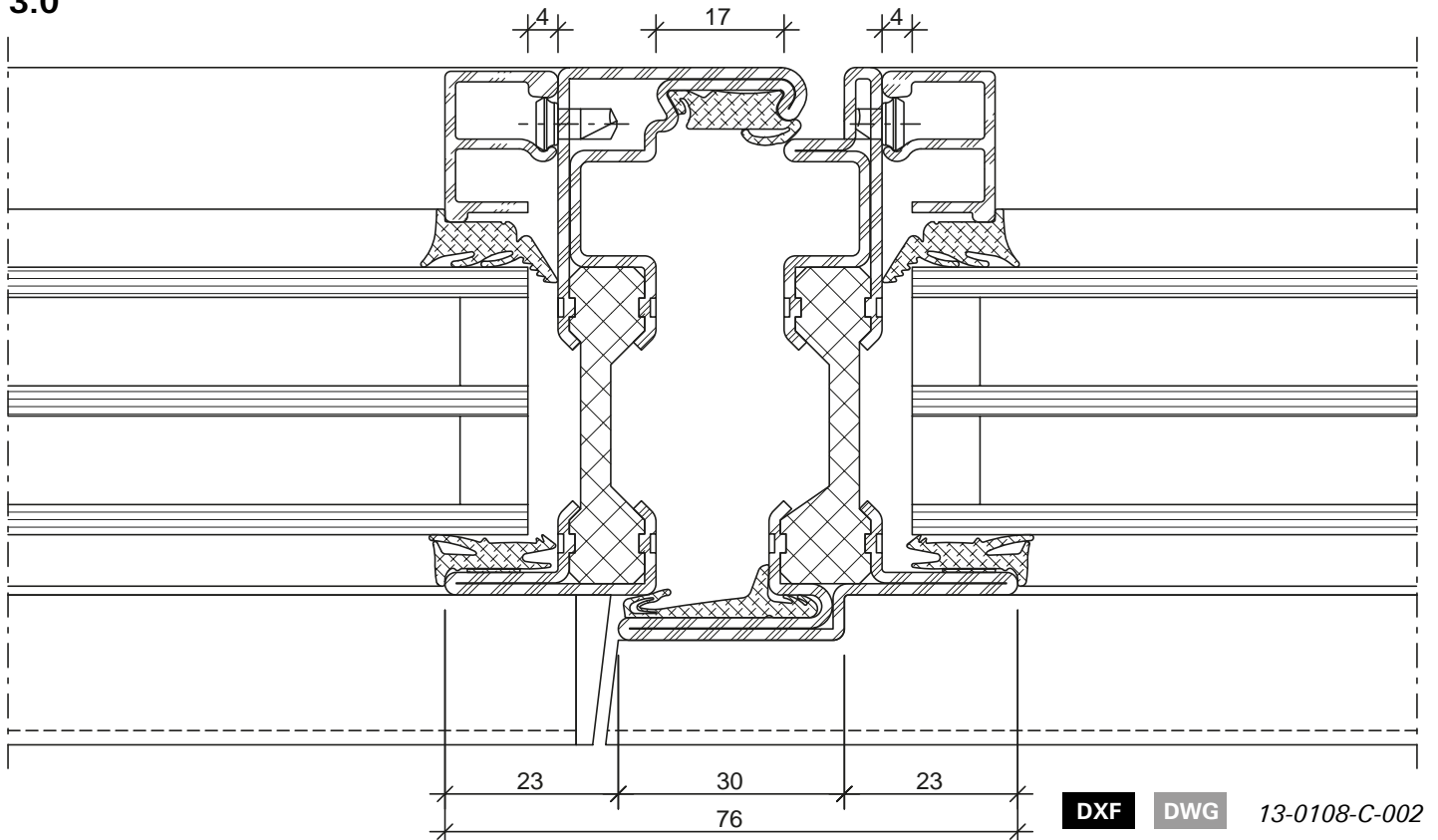
Schnittpunkte nach innen öffnend im Massstab 1:1  
Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1  
Section details opening inwards on scale 1:1

Janisol Arte 66  
Janisol Arte 66  
Janisol Arte 66

1.2



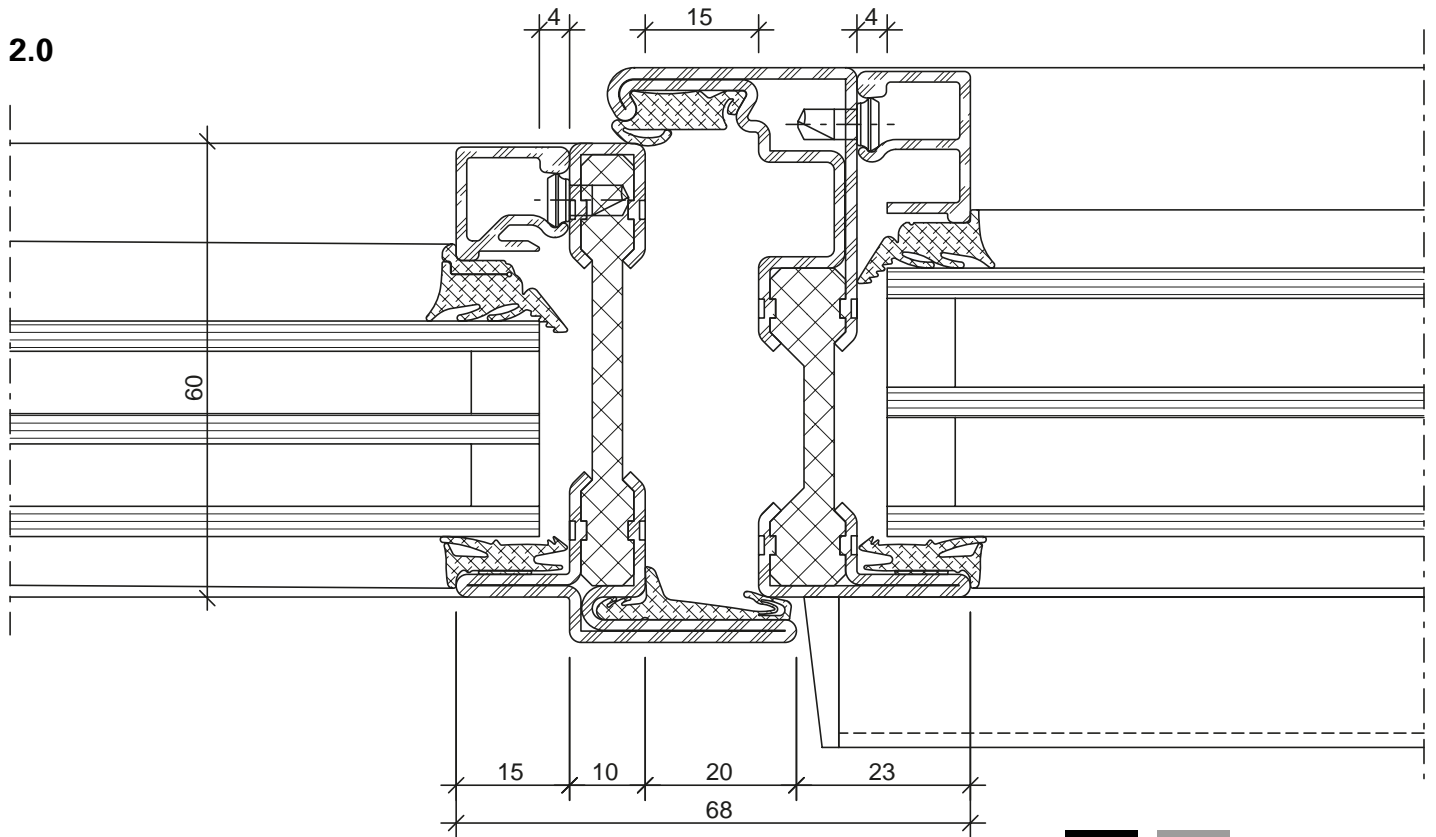
3.0



Schnittpunkte nach innen öffnend im Massstab 1:1  
Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1  
Section details opening inwards on scale 1:1

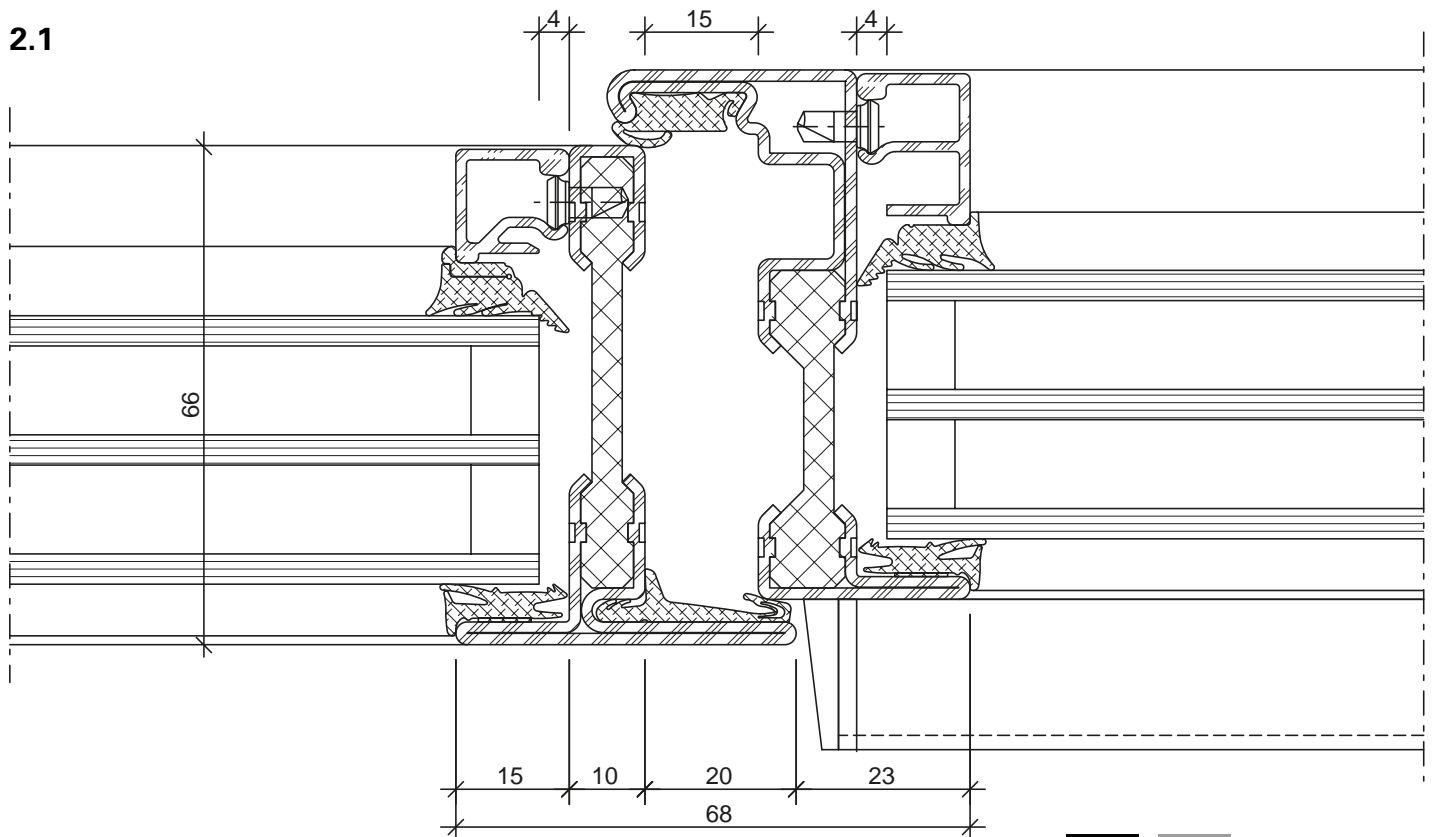
Janisol Arte 66  
Janisol Arte 66  
Janisol Arte 66

2.0



**DXF** **DWG** 13-0108-C-003

2.1

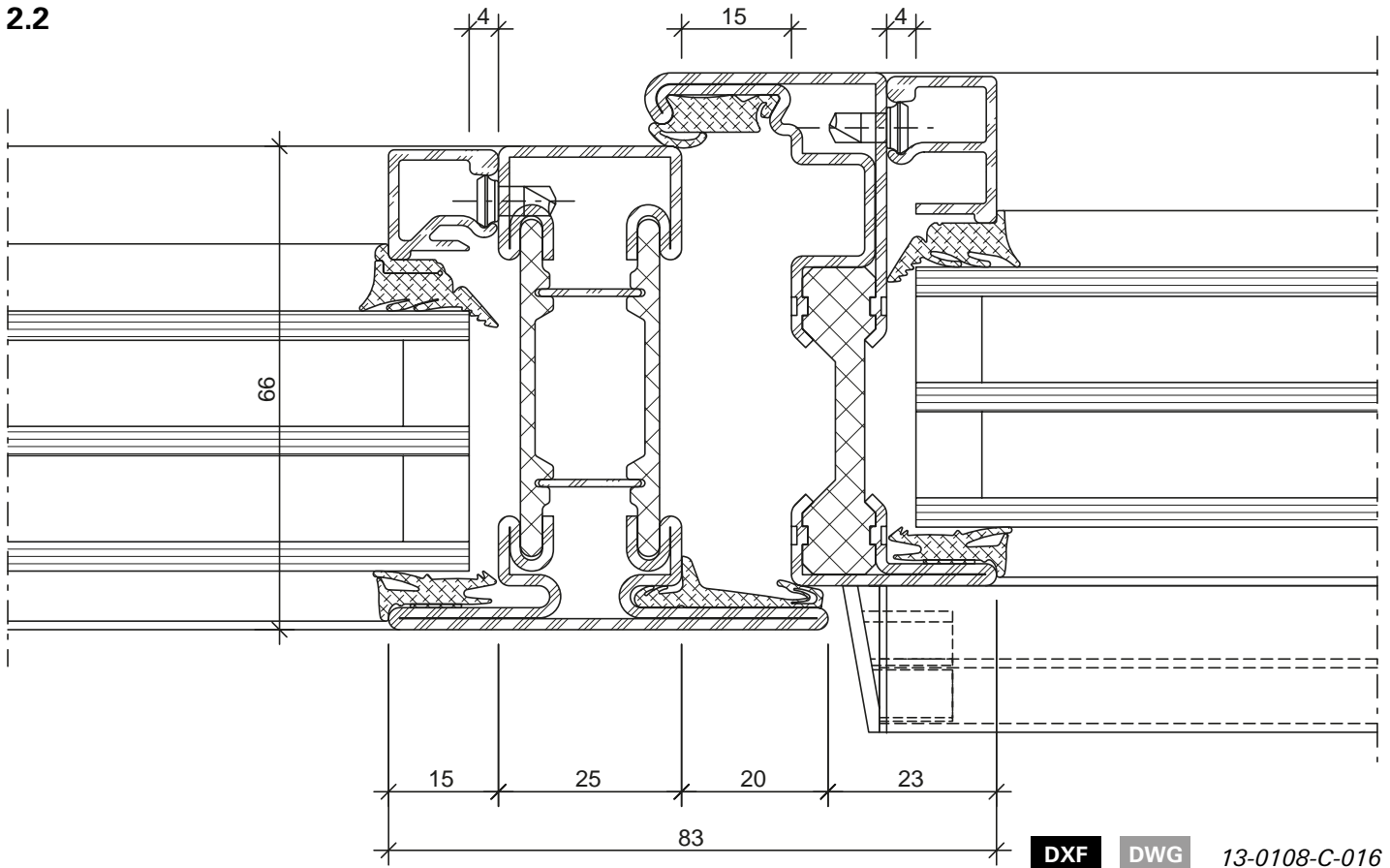


**DXF** **DWG** 13-0108-C-004

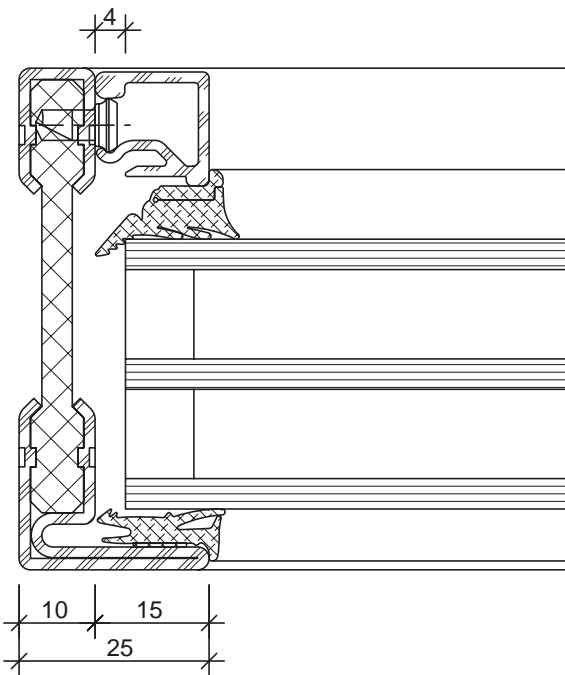
Schnittpunkte nach innen öffnend im Massstab 1:1  
 Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1  
 Section details opening inwards on scale 1:1

Janisol Arte 66  
 Janisol Arte 66  
 Janisol Arte 66

2.2

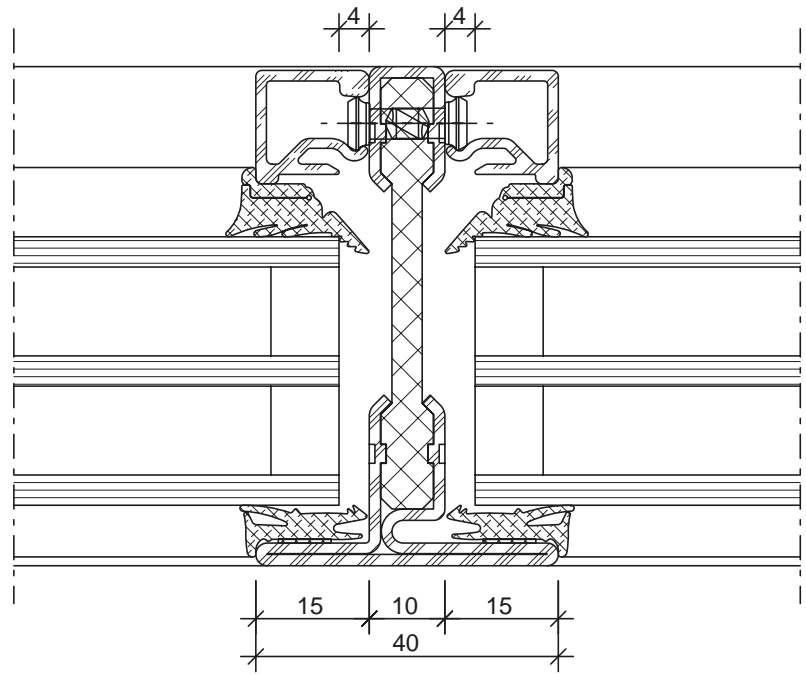


4.0



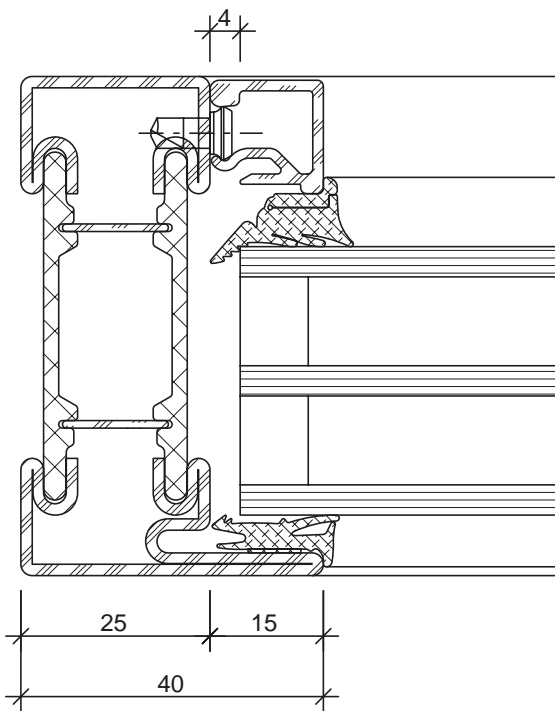
DXF DWG 13-0108-C-006

5.0



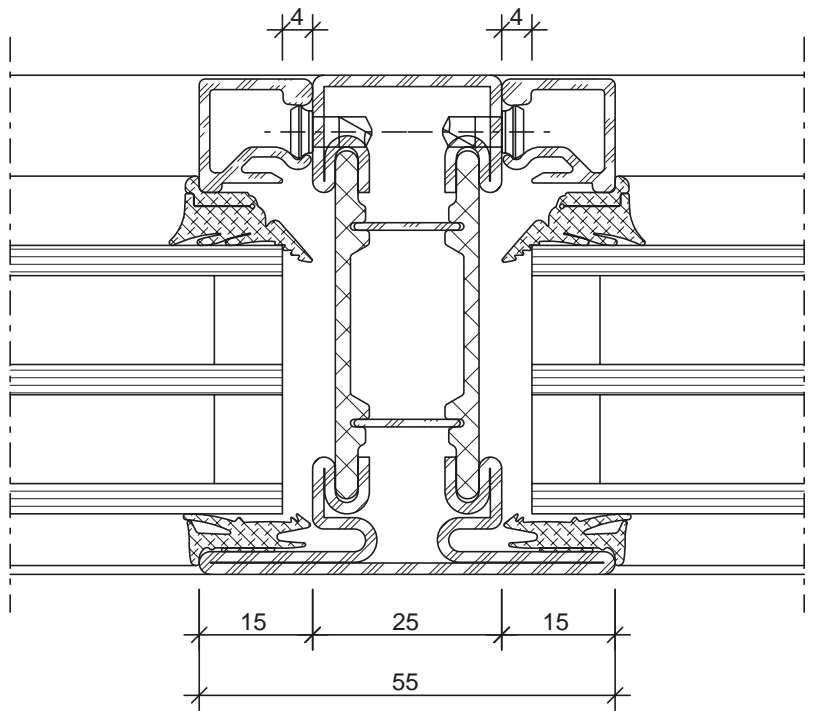
DXF DWG 13-0108-C-007

4.1



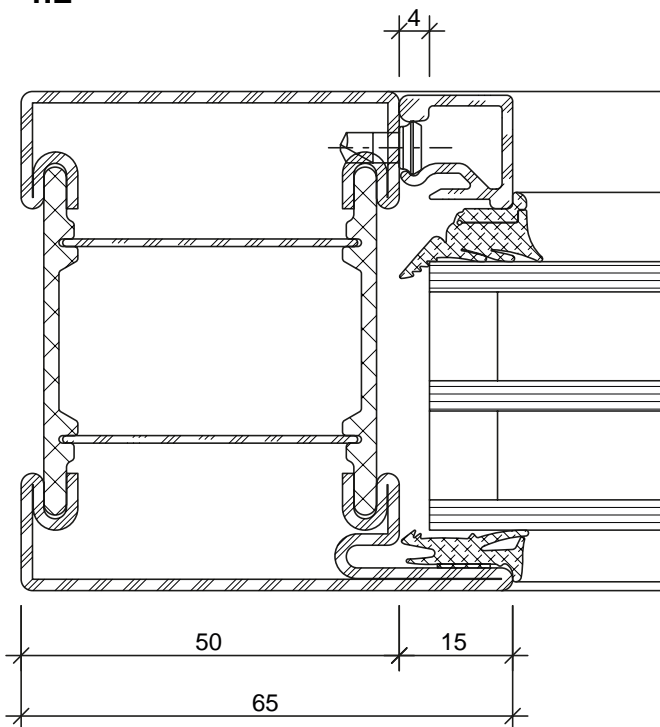
**DXF** **DWG** 13-0108-C-017

5.1



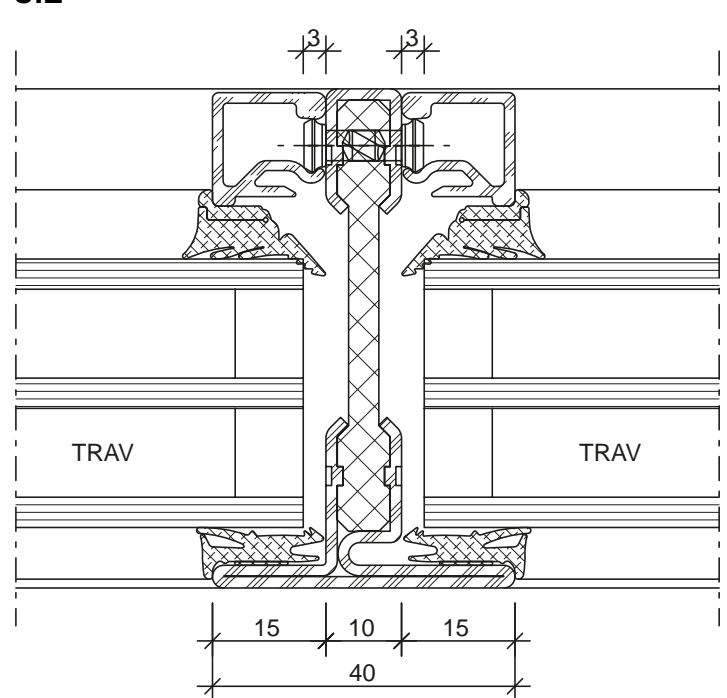
**DXF** **DWG** 13-0108-C-018

4.2



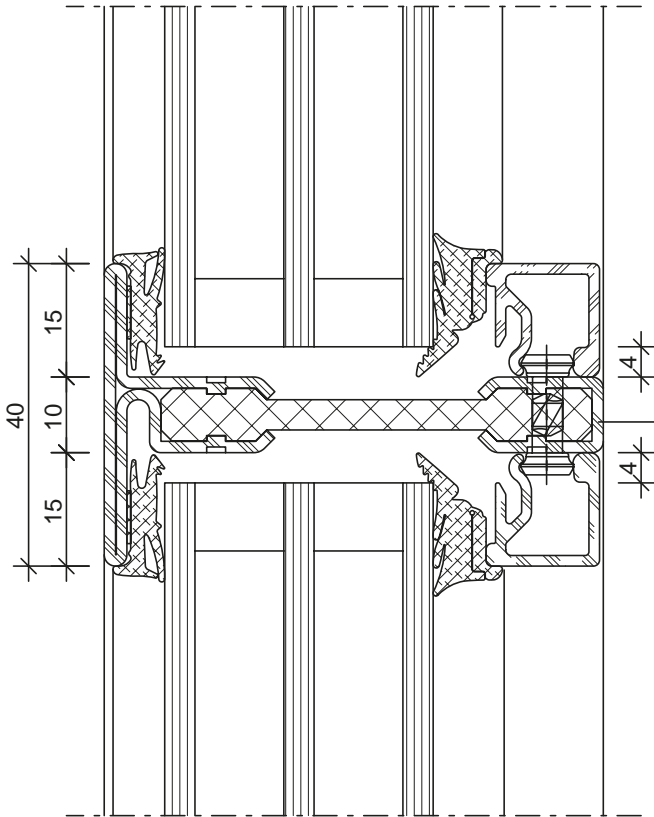
**DXF** **DWG** 13-0108-C-024

5.2



**DXF** **DWG** 13-0108-C-014

6.0

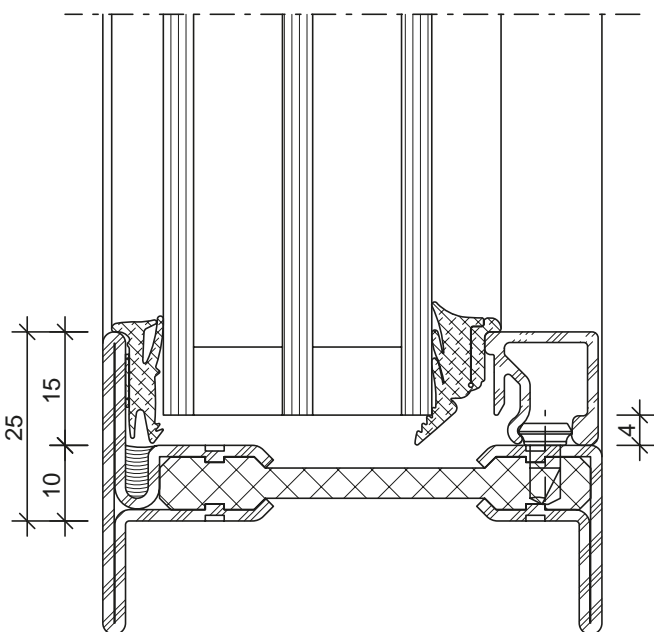


13-0108-C-009

DWG

DXF

4.1



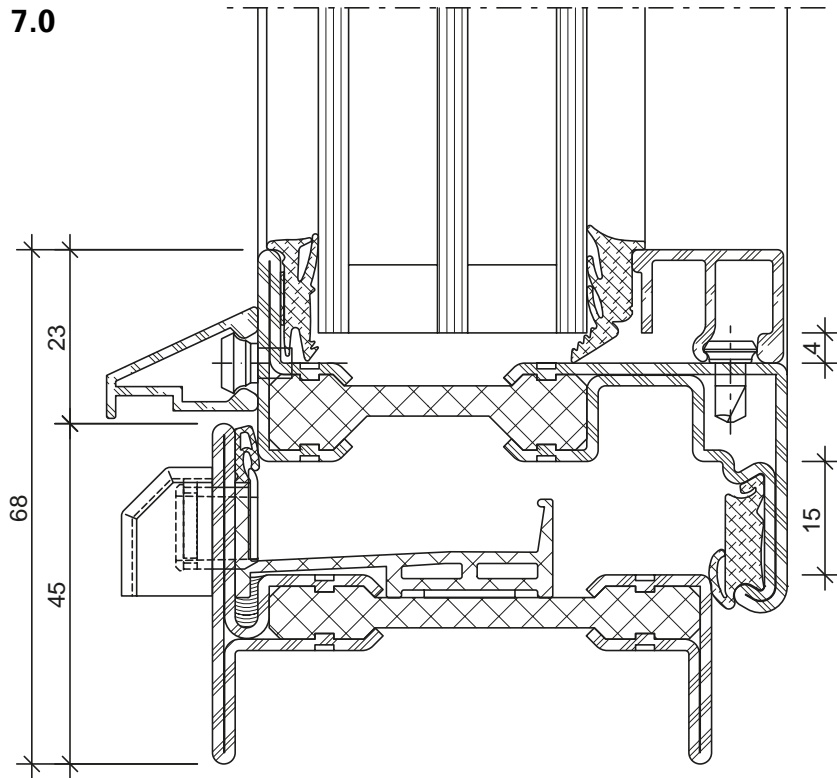
13-0108-C-008

DWG

DXF

Schnittpunkte nach innen öffnend im Massstab 1:1  
Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1  
Section details opening inwards on scale 1:1

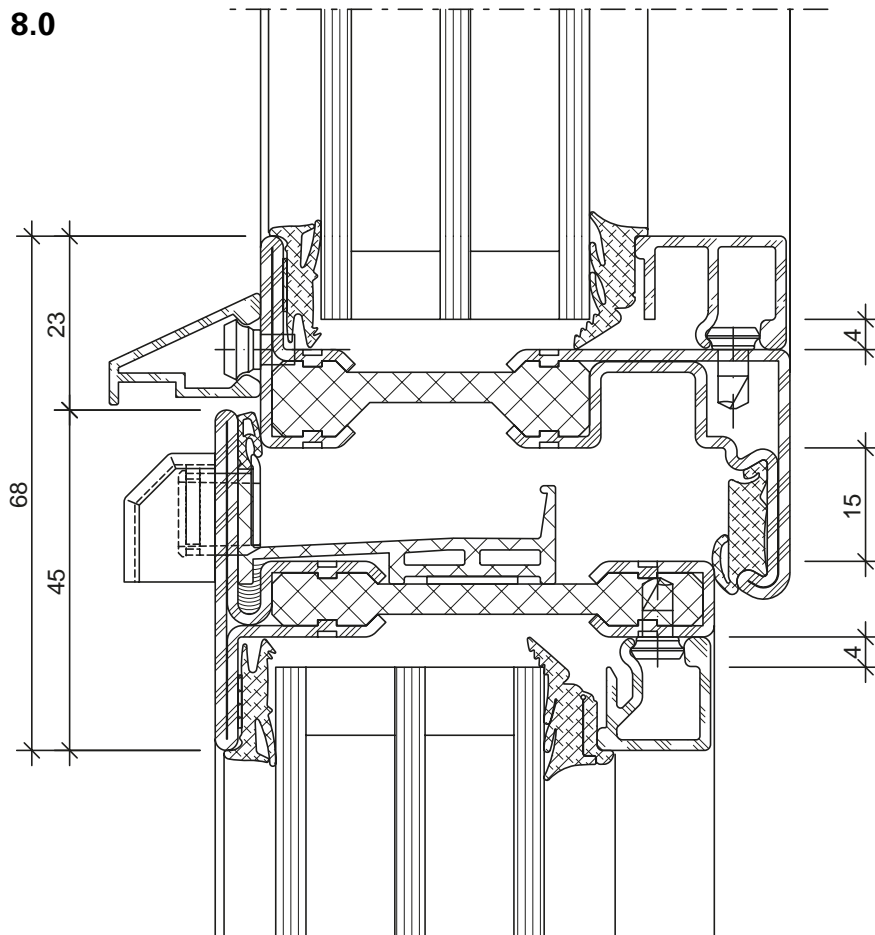
Janisol Arte 66  
Janisol Arte 66  
Janisol Arte 66



13-0108-C-010

DWG

DXF



13-0108-C-013

DWG

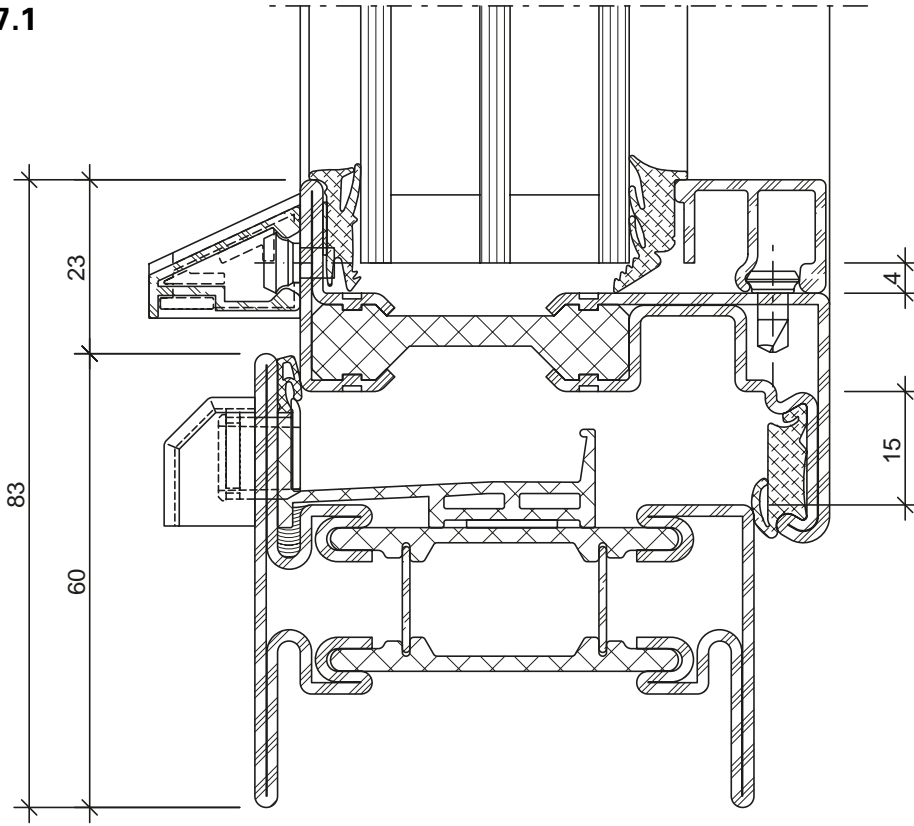
DXF



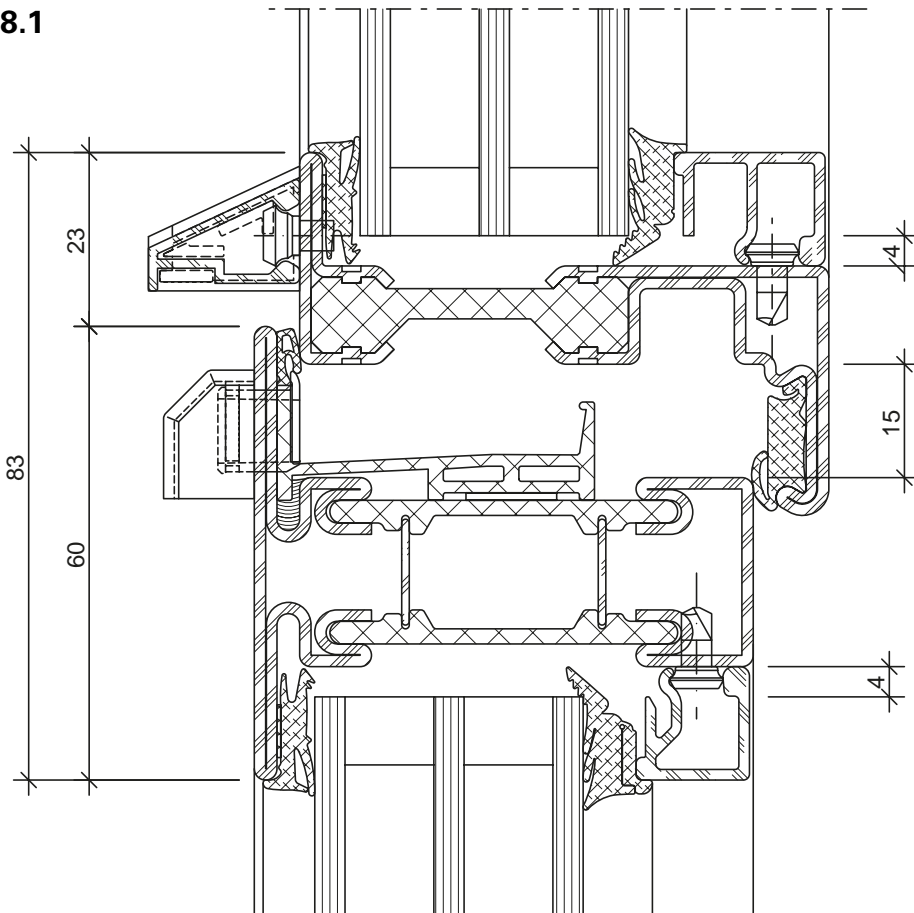
Schnittpunkte nach innen öffnend im Masstab 1:1  
Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1  
Section details opening inwards on scale 1:1

Janisol Arte 66  
Janisol Arte 66  
Janisol Arte 66

7.1



8.1



13-0108-C-019

DWG

DXF

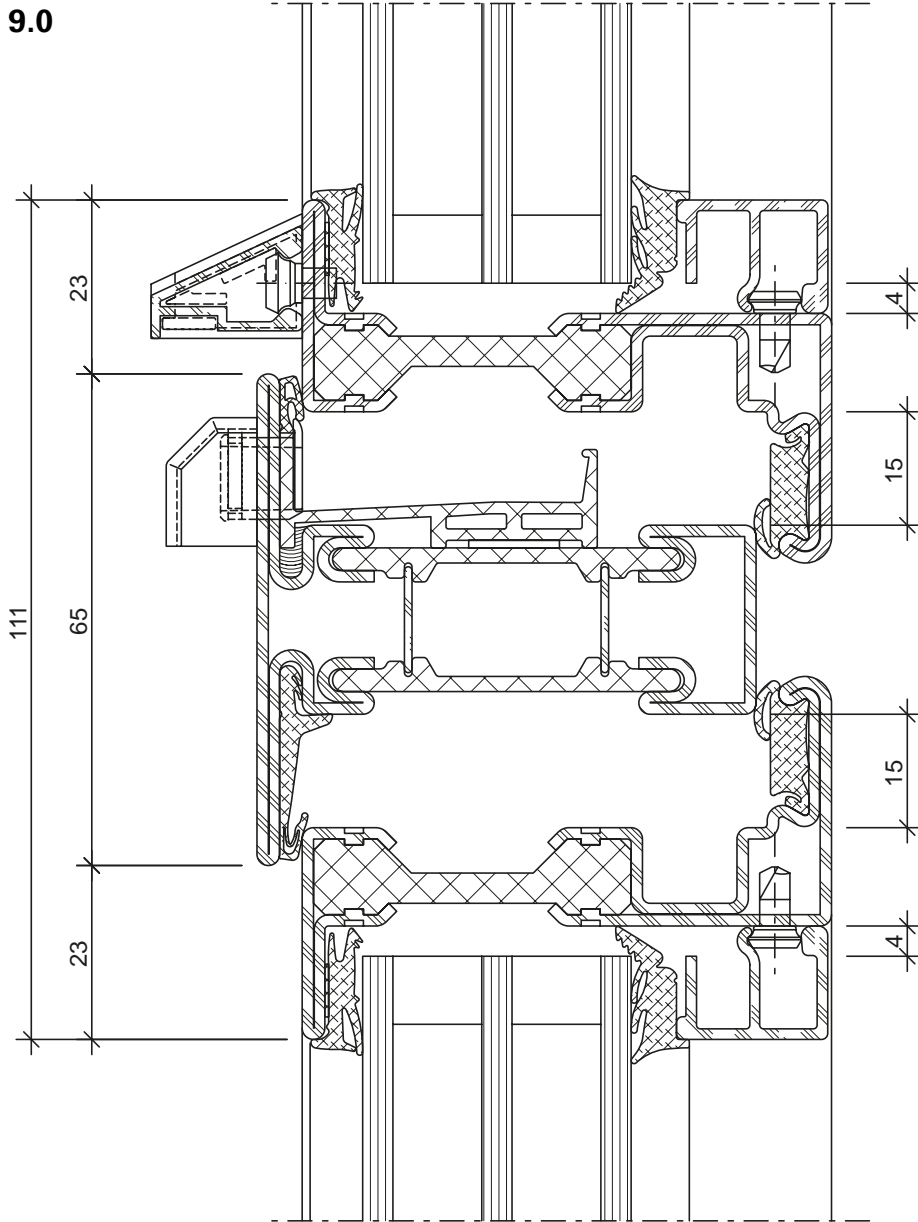
13-0108-C-021

DWG

DXF

Schnittpunkte nach innen öffnend im Massstab 1:1  
Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1  
Section details opening inwards on scale 1:1

Janisol Arte 66  
Janisol Arte 66  
Janisol Arte 66



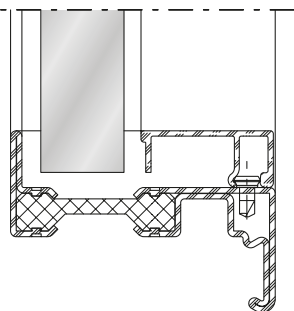
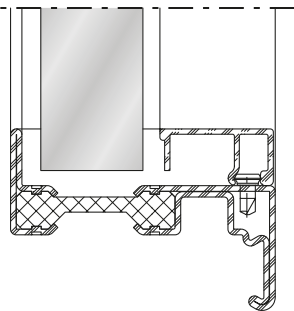
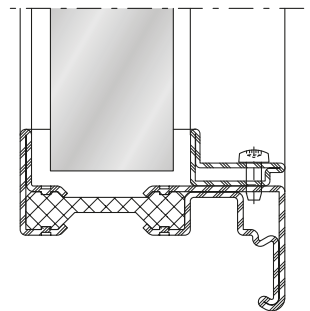
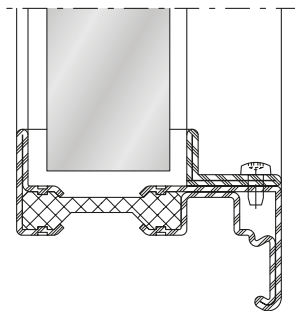
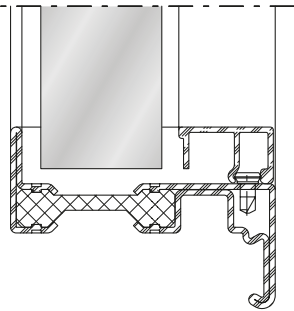
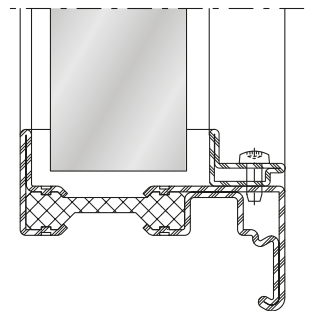
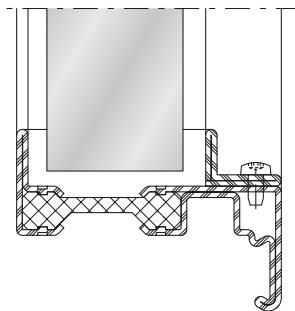
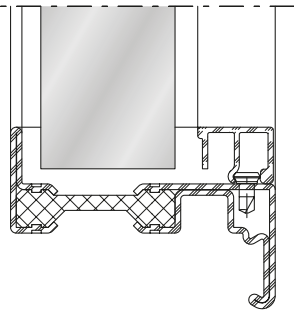
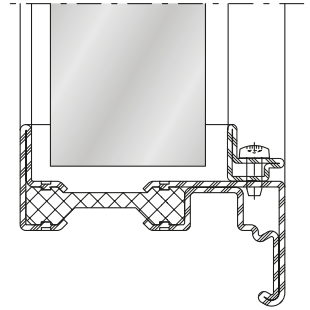
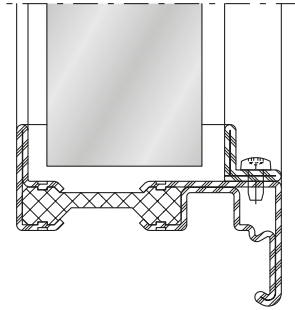
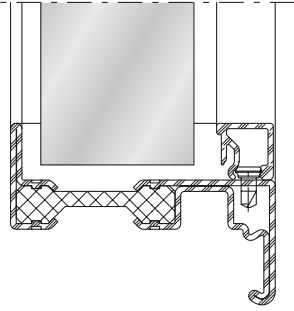
13-0108-C-020

DWG

DXF

Aluminium

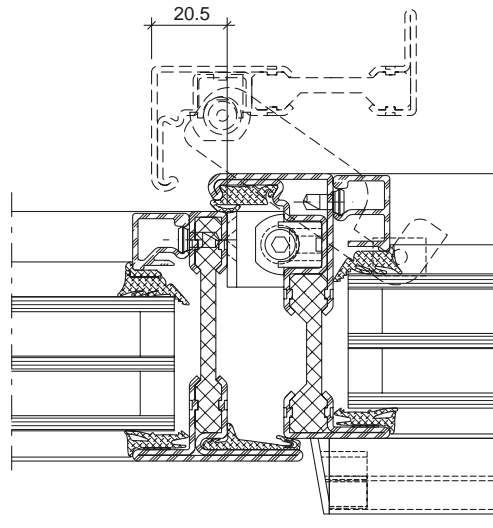
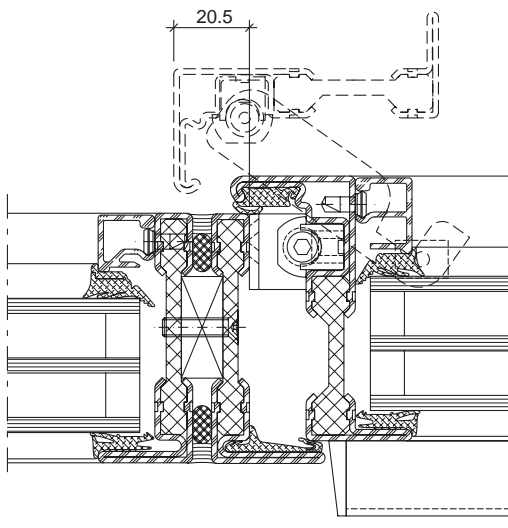
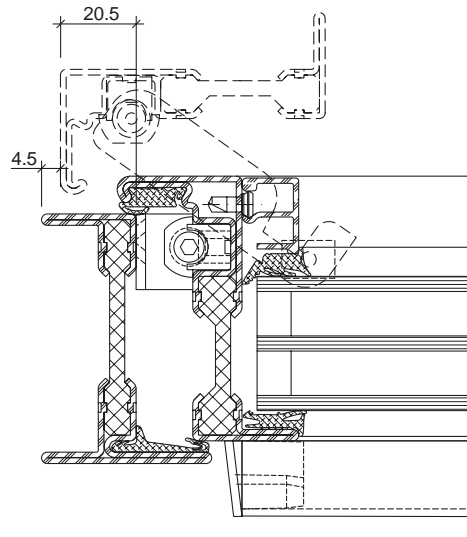
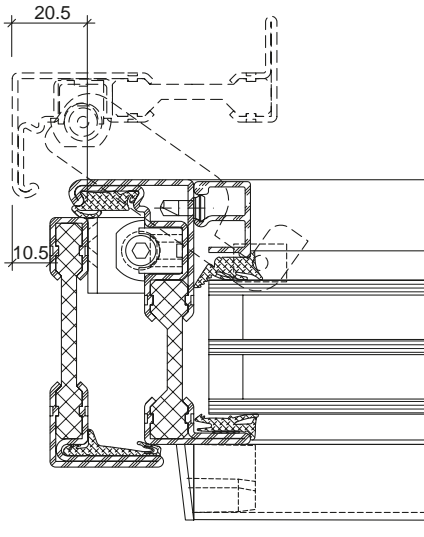
Stahl / Acier / Steel



Platzbedarf  
Verdeckt liegender Fensterbeschlag

Espace nécessaire  
Ferrure de fenêtre non apparente

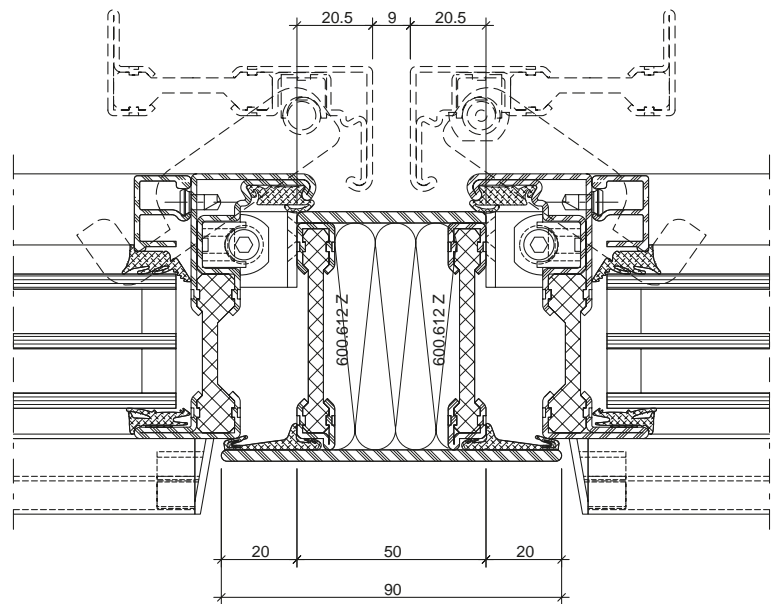
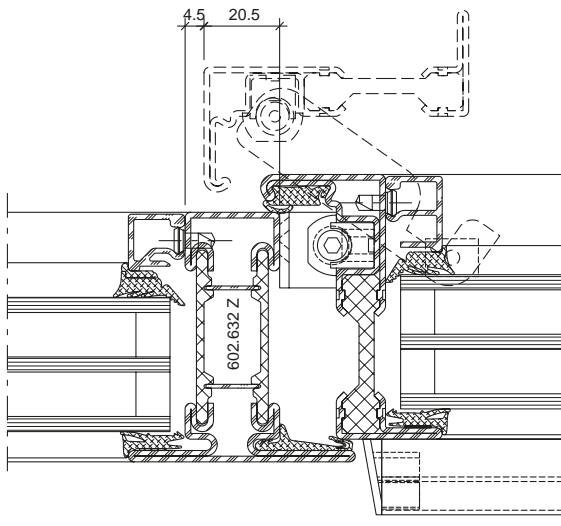
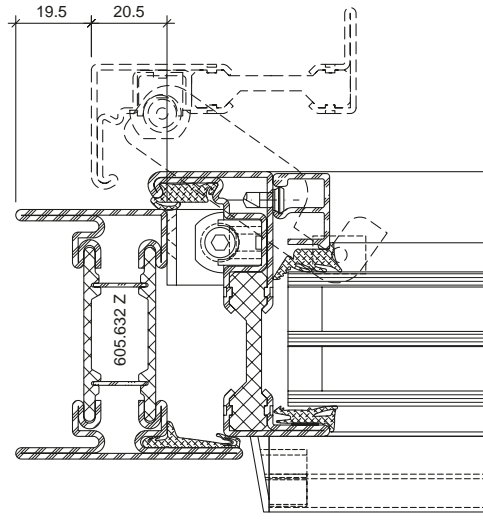
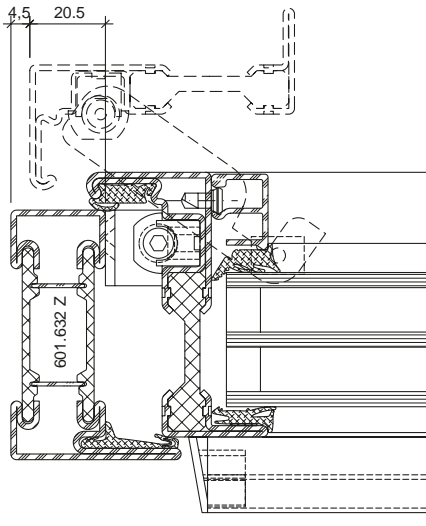
Space required  
Concealed window fitting



Platzbedarf  
Verdeckt liegender Fensterbeschlag

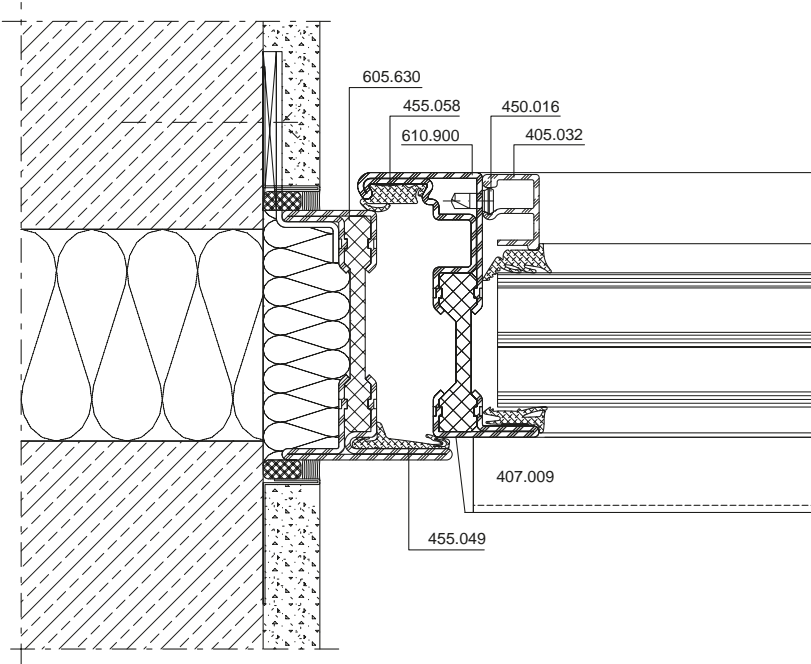
Espace nécessaire  
Ferrure de fenêtre non apparente

Space required  
Concealed window fitting



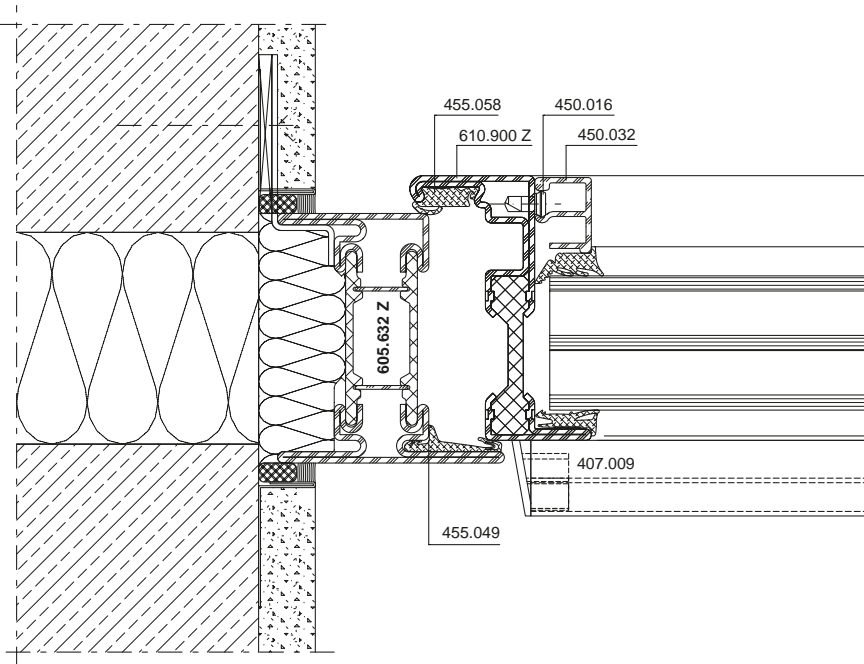
Anschlüsse am Bau im Masstab 1:2  
Raccords au mur à l'échelle 1:2  
Attachment to structure on scale 1:2

Janisol Arte 66  
Janisol Arte 66  
Janisol Arte 66



Bandseite ungeeignet (siehe Seite A-36-25)  
Côté paumelle inadapté (voir page A-36-25)  
Unsuitable hinge side (see page A-36-25)

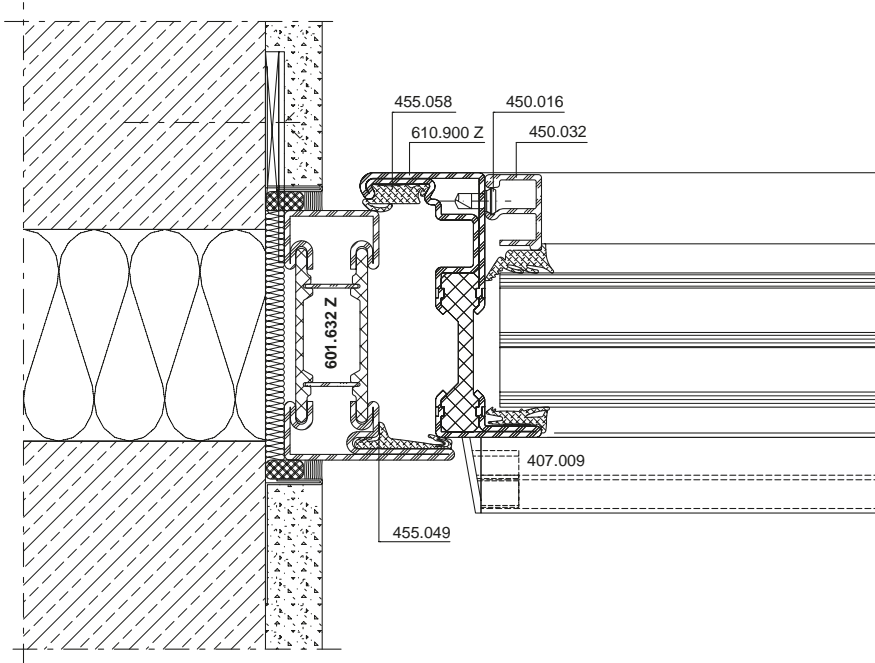
DXF DWG 13-0108-A-001



DXF DWG 13-0108-A-005

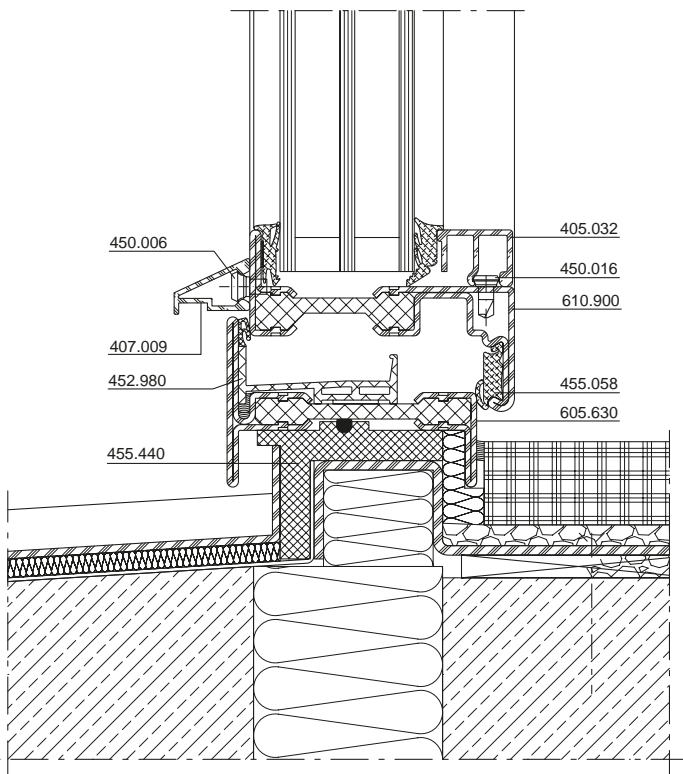
**Anschlüsse am Bau im Massstab 1:2**  
**Raccords au mur à l'échelle 1:2**  
**Attachment to structure on scale 1:2**

Janisol Arte 66  
Janisol Arte 66  
Janisol Arte 66

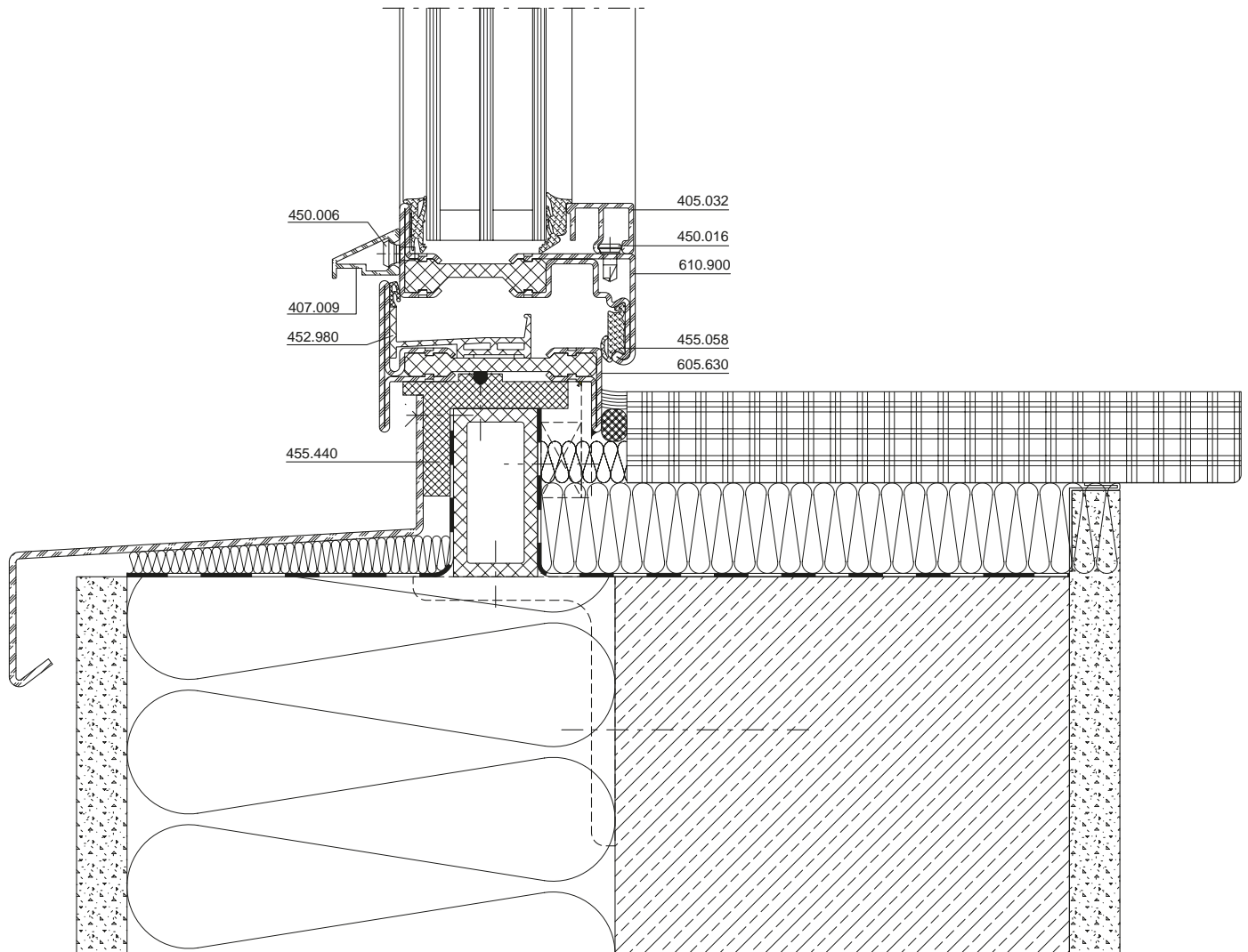


Bandseite ungeeignet (siehe Seite A-36-25)  
Côté paumelle inadapté (voir page A-36-25)  
Unsuitable hinge side (see page A-36-25)

**DXF** **DWG** 13-0108-A-006



**DXF** **DWG** 13-0108-A-002

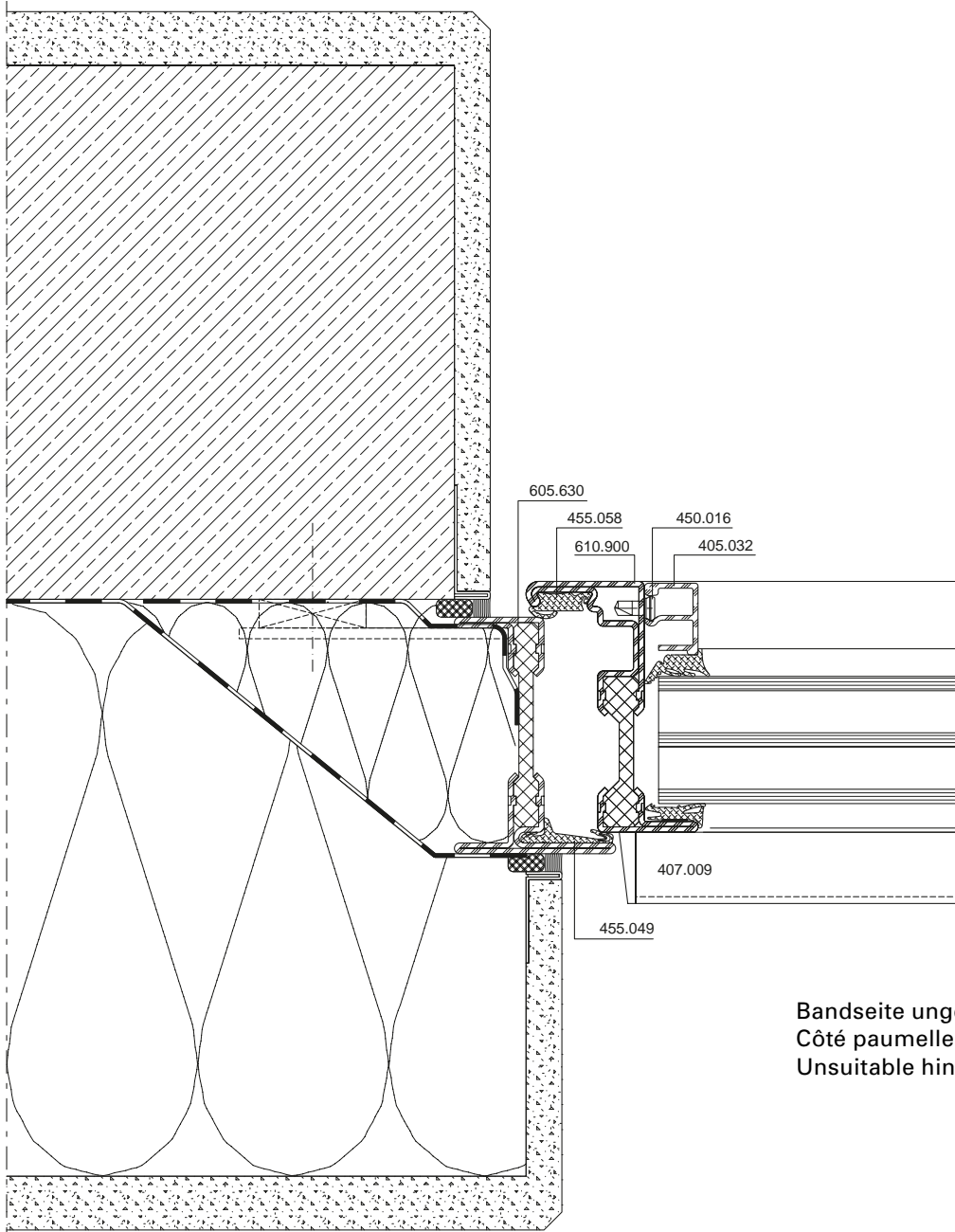


DXF

DWG

13-0108-A-003





Bandseite ungeeignet (siehe Seite A-36-25)  
Côté paumelle inadapté (voir page A-36-25)  
Unsuitable hinge side (see page A-36-25)

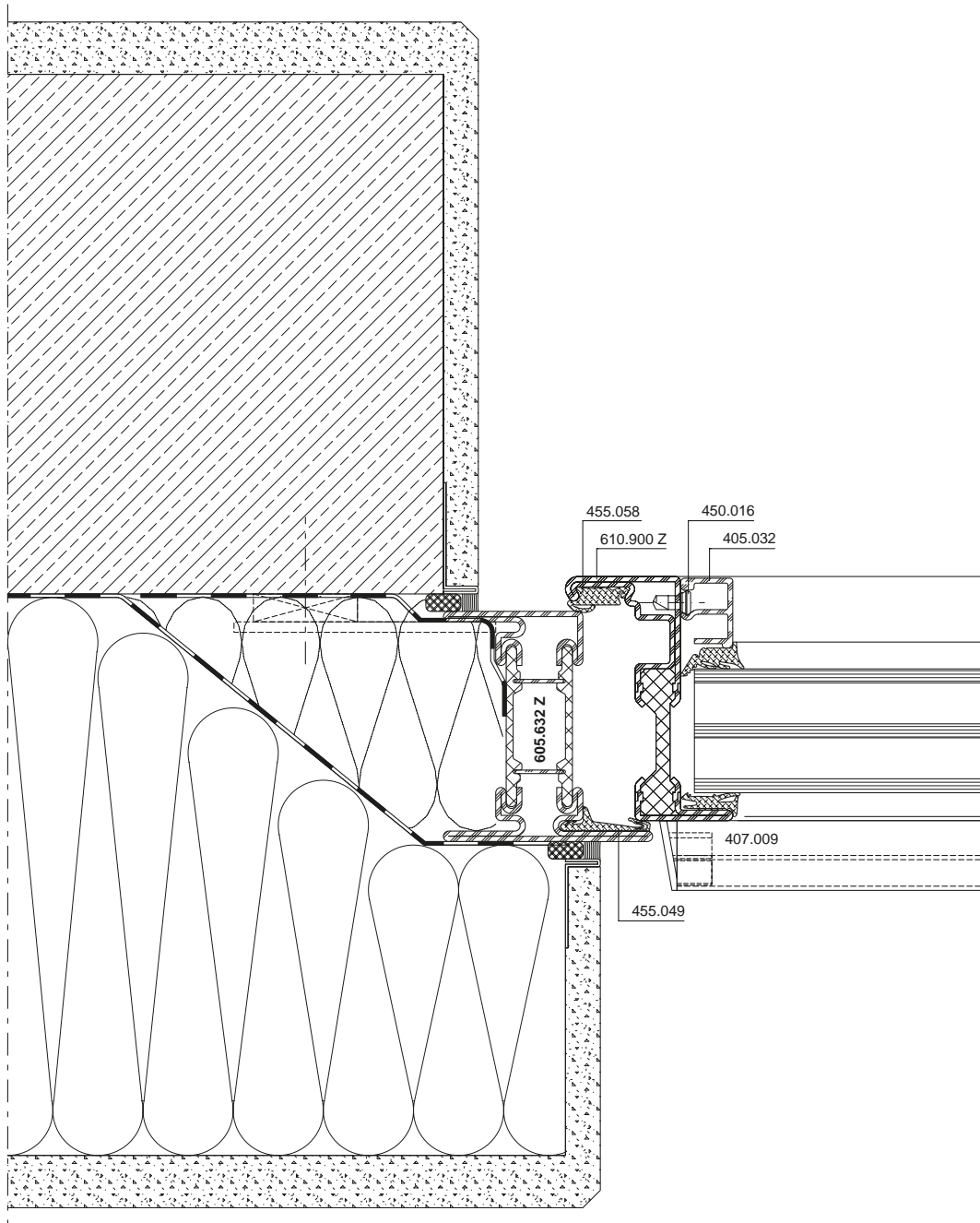
DXF

DWG

13-0108-A-004

Anschlüsse am Bau im Masstab 1:2  
Raccords au mur à l'échelle 1:2  
Attachment to structure on scale 1:2

Janisol Arte 66  
Janisol Arte 66  
Janisol Arte 66



DXF

DWG

13-0108-A-007

Leistungswerte

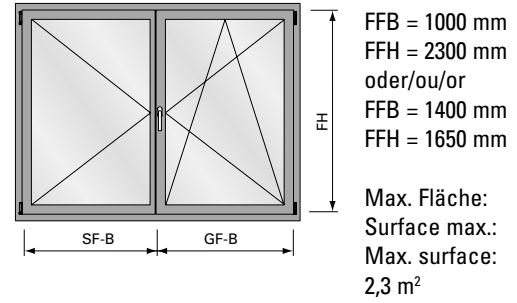
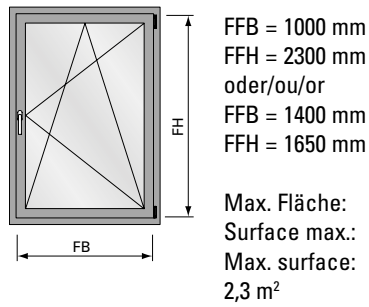
Caractéristiques de performances







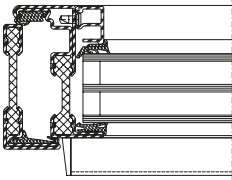
Performance values







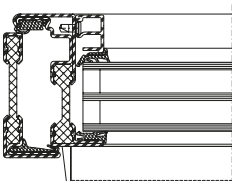
Schlagregendichtheit  
 Luftdurchlässigkeit  
 Widerstand bei Windlast

Étanchéité à la pluie battante  
 Perméabilité à l'air  
 Résistance à la pression du vent

Watertightness  
 Air permeability  
 Resistance to wind load



	 EN 12208	 EN 12207	 EN 12210	 EN 12208	 EN 12207	 EN 12210
bis / jusqu'à / up to FFH 1650 mm 	Klasse 9A Classe 9A Class 9A	Klasse 4 Classe 4 Class 4	Klasse C5/B5 Classe C5/B5 Class C5/B5	Klasse 7A Classe 7A Class 7A	Klasse 4 Classe 4 Class 4	Klasse C4/B4 Classe C4/B4 Class C4/B4
Größenänderungen Variations dimensionnelles Size changes	-100%	-100%	-100%	-100%	-100%	-100%

	 EN 12208	 EN 12207	 EN 12210	 EN 12208	 EN 12207	 EN 12210
bis / jusqu'à / up to FFH 2300 mm bis / jusqu'à / up to FFB 1000 mm 	Klasse 8A Classe 8A Class 8A	Klasse 4 Classe 4 Class 4	Klasse C5/B5 Classe C5/B5 Class C5/B5	Klasse 7A Classe 7A Class 7A	Klasse 4 Classe 4 Class 4	Klasse C4/B4 Classe C4/B4 Class C4/B4
Größenänderungen Variations dimensionnelles Size changes	-100%	-100%	-100%	-100%	-100%	-100%

**Leistungseigenschaften nach EN 14351-1**  
**Caractéristiques de performance selon EN 14351-1**  
**Performance characteristics according to EN 14351-1**

Janisol Arte 66  
 Janisol Arte 66  
 Janisol Arte 66

**Leistungswerte**

**Schlagregendichtheit**  
**Luftdurchlässigkeit**  
**Widerstand bei Windlast**

**Caractéristiques de performances**

**Étanchéité à la pluie battante**  
**Perméabilité à l'air**  
**Résistance à la pression du vent**

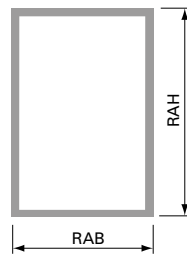
**Performance values**




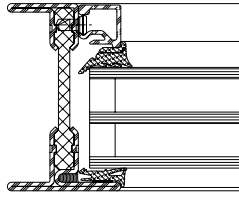
**Watertightness**  
**Air permeability**  
**Resistance to wind load**

**Festverglasung**

**Vitrage fixe**

**Fixed glazing**



	 <b>EN 12208</b>	 <b>EN 12207</b>	 <b>EN 12210</b>
<b>RABxRAH 1230x1480 mm</b> 	Klasse 9A Classe 9A Class 9A	Klasse 4 Classe 4 Class 4	Klasse C5/B5 Classe C5/B5 Class C5/B5

**Leistungswerte**

**Caractéristiques de performances**

**Performance values**

**Schlagregendichtheit  
 Luftdurchlässigkeit  
 Widerstand bei Windlast**

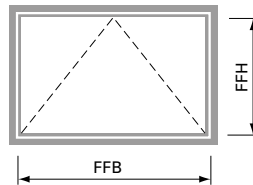
**Etanchéité à la pluie battante  
 Perméabilité à l'air  
 Résistance à la pression du vent**

**Watertightness  
 Air permeability  
 Resistance to wind load**

**Kippfenster**

**Fenêtre à sofflet**




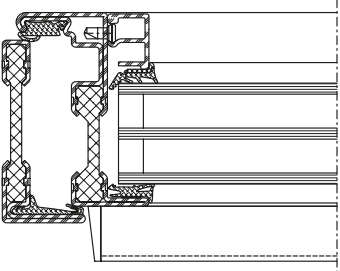
**Bottom-hung window**



FFB = 2300 mm  
 FFH = 2300 mm

in Abhängigkeit des Verriegelungsabstandes  
 en fonction de l'écart de verrouillage  
 depending on the distance between locking points

Max. Fläche:  
 Surface max.:  
 Max. surface:  
 2,3 m<sup>2</sup>

	 EN 12208	 EN 12207	 EN 12210
Beschlag/Ferrure/Fitting 	Klasse 8A Classe 8A Class 8A	Klasse 4 Classe 4 Class 4	Klasse C5/B5 Classe C5/B5 Class C5/B5
Schnäpper 557.099 Loqueteau 557.099 Spring catch 557.099	Klasse 8A Classe 8A Class 8A	Klasse 4 Classe 4 Class 4	Klasse C3/B3 Classe C3/B3 Class C3/B3
Oberlichtöffner 550.651 Ferrure d'imposte 550.651 Top light opener 550.651	Klasse 8A Classe 8A Class 8A	Klasse 3 Classe 3 Class 3	Klasse C3/B3 Classe C3/B3 Class C3/B3
Kettenantrieb 550.697 Entraînement à chaîne 550.697 Chain drive 550.697	Klasse 8A Classe 8A Class 8A	Klasse 4 Classe 4 Class 4	Klasse C3/B3 Classe C3/B3 Class C3/B3

**U<sub>f</sub>-Werte**  
(nach EN ISO 10077-2:2018-01)

Auf den folgenden Seiten finden Sie die U<sub>f</sub>-Werte für die verschiedenen Anwendungen von Janisol Arte 2.0.

Sie basieren auf folgenden Grundlagen:

- Profile bandverzinkter Stahl, unbeschichtet
- Aluminium-Glasleisten
- Nassverglasung

**Valeurs U<sub>f</sub>**  
(selon EN ISO 10077-2:2018-01)

Vous trouverez les valeurs U<sub>f</sub> pour les différentes applications Janisol Arte 2.0 dans les pages qui suivent.

Elles se basent sur les principes suivants:

- Profilés en bande d'acier zingué, sans revêtement
- Parcloses en aluminium
- Vitrage à mastic

**U<sub>f</sub> values**  
(according to EN ISO 10077-2:2018-01)

On the following pages you will find the U<sub>f</sub> values for the various applications for Janisol Arte 2.0.

They are based on the following:

- Strip galvanised steel profiles, uncoated
- Aluminium glazing beads
- Glazing with sealing

Janisol Arte Stahl  
Zweifach-Isolierglas

Janisol Arte acier  
Double verre isolant

Janisol Arte steel  
Double insulating glazing

Janisol Arte Stahl  
Dreifach-Isolierglas

Janisol Arte acier  
Triple verre isolant

Janisol Arte steel  
Triple insulating glazing

Janisol Arte Stahl  
optimiert  
Zweifach-Isolierglas

Janisol Arte acier  
optimisé  
Double verre isolant

Janisol Arte steel  
optimised  
Double insulating glazing

Janisol Arte Stahl  
optimiert  
Dreifach-Isolierglas

Janisol Arte acier  
optimisé  
Triple verre isolant

Janisol Arte steel  
optimised  
Triple insulating glazing

**Janisol Arte Stahl**  
**Zweifach-Isolierglas**


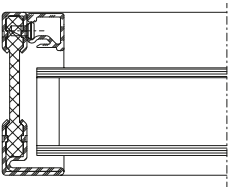
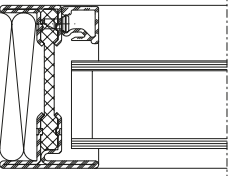
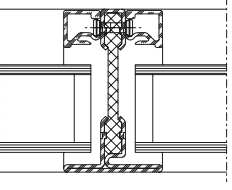
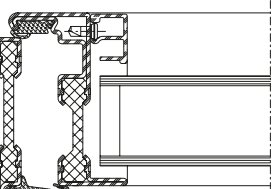
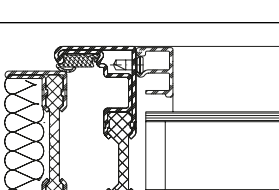
Festverglasungen und  
 Fenster nach innen öffnend


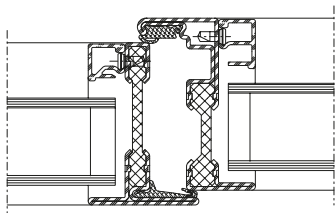
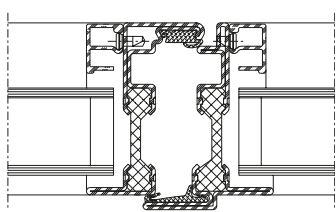
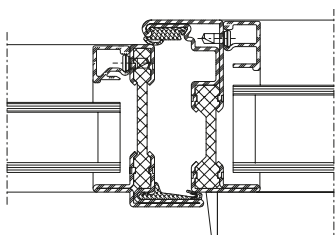
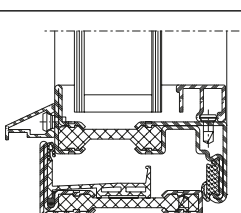
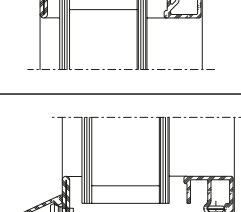
**Janisol Arte acier**  
**Double verre isolant**

Vitrages fixes et fenêtres  
 ouvrant vers l'intérieur

**Janisol Arte steel**  
**Double insulating glazing**

Fixed lights and  
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 24 mm	≥ 28 mm
	2,9 W/m²K	2,6 W/m²K
	2,2 W/m²K	2,0 W/m²K
	2,8 W/m²K	2,5 W/m²K
	3,3 W/m²K	3,2 W/m²K
	2,8 W/m²K	2,8 W/m²K

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 24 mm	≥ 28 mm
	3,3 W/m²K	3,2 W/m²K
	3,3 W/m²K	3,2 W/m²K
	3,2 W/m²K	3,1 W/m²K
	3,2 W/m²K	3,1 W/m²K
	2,8 W/m²K	2,8 W/m²K

**Janisol Arte Stahl**  
**Zweifach-Isolierglas**

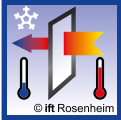
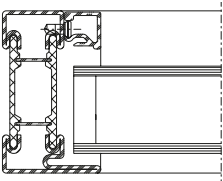
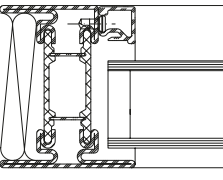
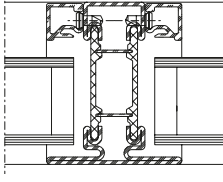
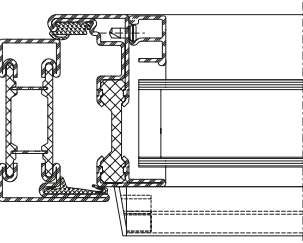
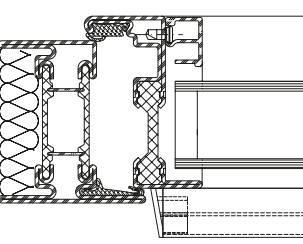
Festverglasungen und  
 Fenster nach innen öffnend


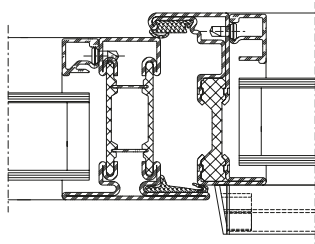
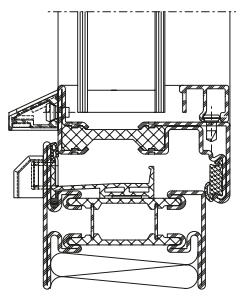
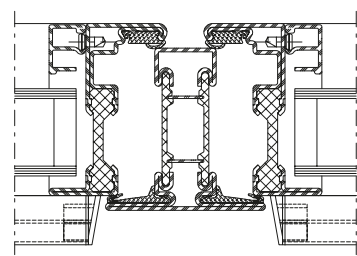
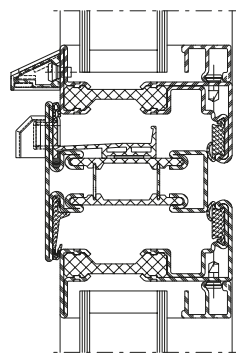
**Janisol Arte acier**  
**Double verre isolant**

Vitrages fixes et fenêtres  
 ouvrant vers l'intérieur

**Janisol Arte steel**  
**Double insulating glazing**

Fixed lights and  
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 24 mm	≥ 28 mm
	2,1 W/m²K	2,0 W/m²K
	1,7 W/m²K	1,6 W/m²K
	2,2 W/m²K	2,0 W/m²K
	2,8 W/m²K	2,8 W/m²K
	2,5 W/m²K	2,5 W/m²K

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 24 mm	≥ 28 mm
	2,8 W/m²K	2,7 W/m²K
	2,4 W/m²K	2,4 W/m²K
	2,9 W/m²K	2,9 W/m²K
	3,0 W/m²K	3,0 W/m²K



**Janisol Arte Stahl**  
**Dreifach-Isolierglas**

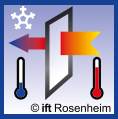
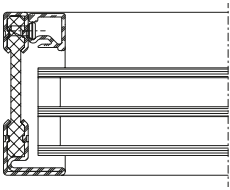
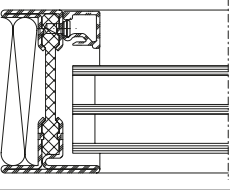
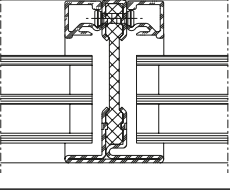
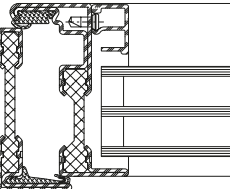
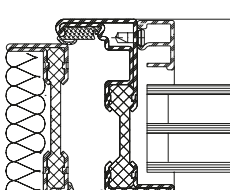
Festverglasungen und  
 Fenster nach innen öffnend

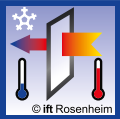
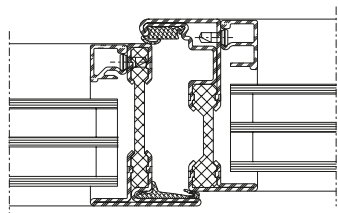
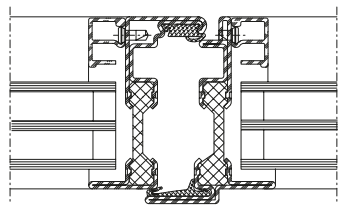
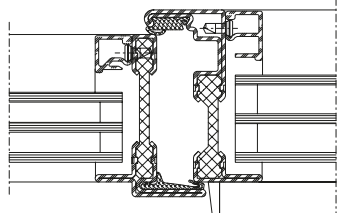
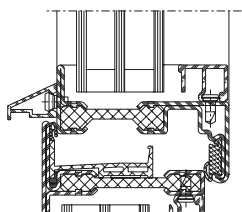
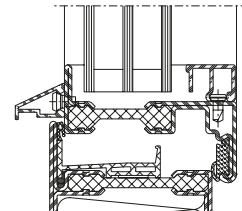
**Janisol Arte acier**  
**Triple verre isolant**

Vitrages fixes et fenêtres  
 ouvrant vers l'intérieur

**Janisol Arte steel**  
**Triple insulating glazing**

Fixed lights and  
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 36 mm	≥ 46 mm
	2,5 W/m²K	2,3 W/m²K
	1,9 W/m²K	1,8 W/m²K
	2,3 W/m²K	2,2 W/m²K
	3,2 W/m²K	3,1 W/m²K
	2,8 W/m²K	2,8 W/m²K

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 36 mm	≥ 46 mm
	3,1 W/m²K	3,0 W/m²K
	3,2 W/m²K	3,1 W/m²K
	3,0 W/m²K	3,0 W/m²K
	3,0 W/m²K	2,9 W/m²K
	2,7 W/m²K	2,7 W/m²K

**Janisol Arte Stahl**  
**Dreifach-Isolierglas**


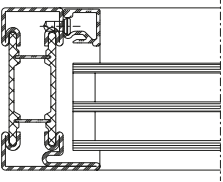
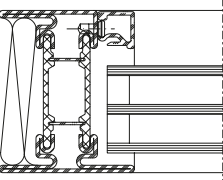
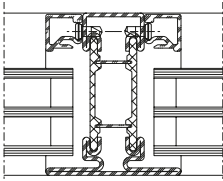
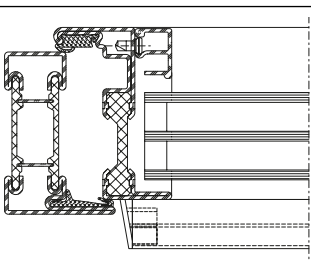
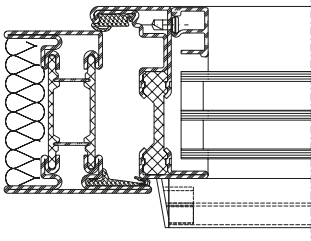
Festverglasungen und  
 Fenster nach innen öffnend


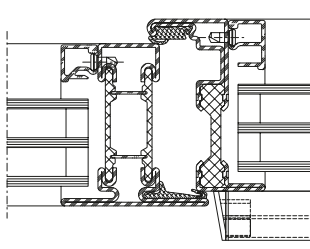
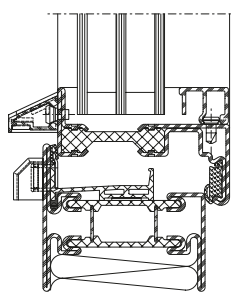
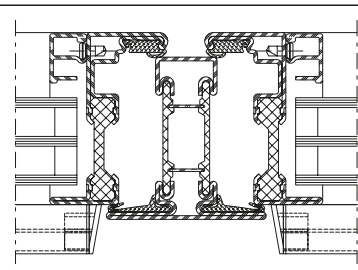
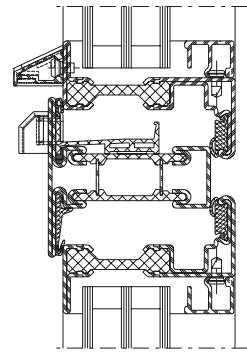
**Janisol Arte acier**  
**Triple verre isolant**

Vitrages fixes et fenêtres  
 ouvrant vers l'intérieur

**Janisol Arte steel**  
**Triple insulating glazing**

Fixed lights and  
 windows inward opening

	Füllelementstärken Eléments de remplissages Infill elements	
	≥ 36 mm	≥ 46 mm
	1,9 W/m²K	1,8 W/m²K
	1,6 W/m²K	1,5 W/m²K
	1,8 W/m²K	1,8 W/m²K
	2,7 W/m²K	2,7 W/m²K
	2,4 W/m²K	2,4 W/m²K

	Füllelementstärken Eléments de remplissages Infill elements	
	≥ 36 mm	≥ 46 mm
	2,6 W/m²K	2,6 W/m²K
	2,4 W/m²K	2,4 W/m²K
	2,9 W/m²K	2,8 W/m²K
	2,9 W/m²K	2,8 W/m²K

**Janisol Arte Stahl  
 optimiert  
 Zweifach-Isolierglas**

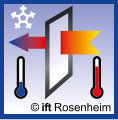
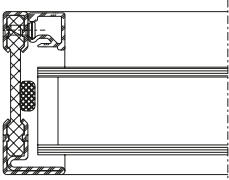
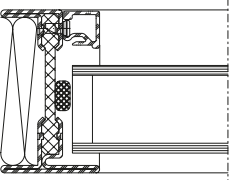
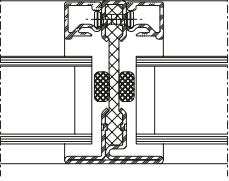
Festverglasungen und  
 Fenster nach innen öffnend

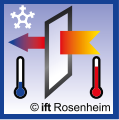
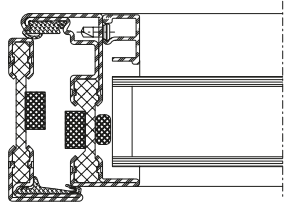
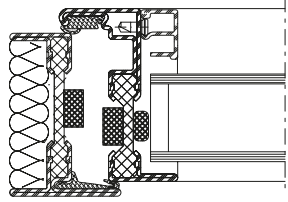
**Janisol Arte acier  
 optimisé  
 Double verre isolant**

Vitrages fixes et fenêtres  
 ouvrant vers l'intérieur

**Janisol Arte steel  
 optimised  
 Double insulating glazing**

Fixed lights and  
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,4 W/m²K	X
	1,8 W/m²K	X
	2,1 W/m²K	X

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	3,1 W/m²K	2,5 W/m²K
	2,7 W/m²K	2,2 W/m²K

**Janisol Arte Stahl  
 optimiert  
 Zweifach-Isolierglas**

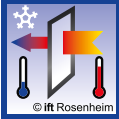
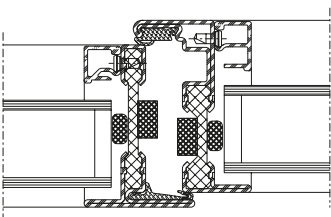
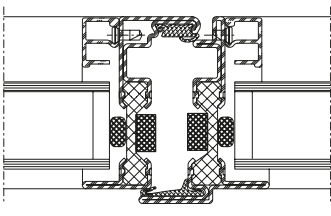
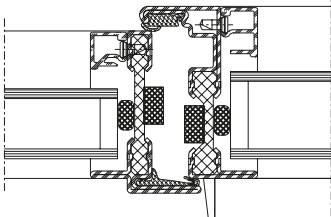
Festverglasungen und  
 Fenster nach innen öffnend

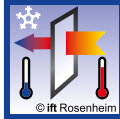
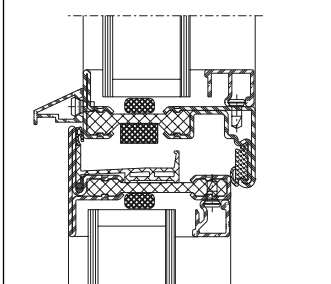
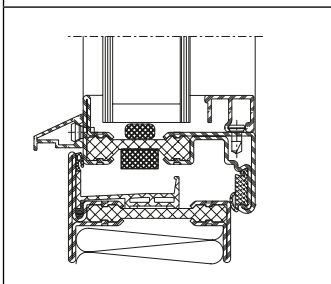
**Janisol Arte acier  
 optimisé  
 Double verre isolant**

Vitrages fixes et fenêtres  
 ouvrant vers l'intérieur

**Janisol Arte steel  
 optimised  
 Double insulating glazing**

Fixed lights and  
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	<b>3,0 W/m²K</b>	<b>2,4 W/m²K</b>
	<b>3,0 W/m²K</b>	<b>2,5 W/m²K</b>
	<b>2,9 W/m²K</b>	<b>2,4 W/m²K</b>

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	<b>2,9 W/m²K</b>	<b>2,6 W/m²K</b>
	<b>2,6 W/m²K</b>	<b>2,4 W/m²K</b>

**Janisol Arte Stahl  
 optimiert  
 Zweifach-Isolierglas**

Festverglasungen und  
 Fenster nach innen öffnend

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 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	<b>1,8 W/m²K</b>	X
	<b>1,5 W/m²K</b>	X
	<b>1,7 W/m²K</b>	X

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	<b>2,8 W/m²K</b>	X
	<b>2,8 W/m²K</b>	X

**Janisol Arte Stahl  
 optimiert  
 Zweifach-Isolierglas**

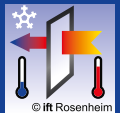
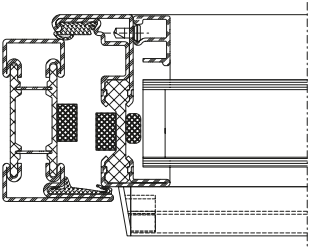
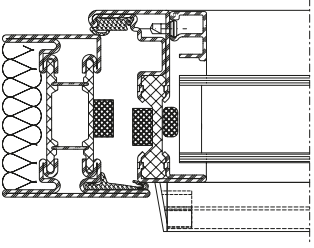
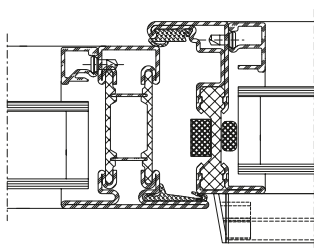
Festverglasungen und  
 Fenster nach innen öffnend

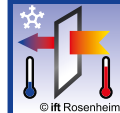
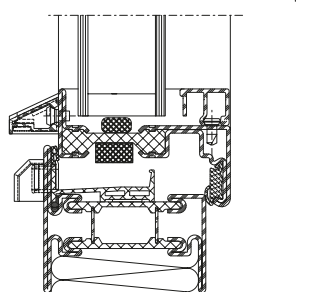
**Janisol Arte acier  
 optimisé  
 Double verre isolant**

Vitrages fixes et fenêtres  
 ouvrant vers l'intérieur

**Janisol Arte steel  
 optimised  
 Double insulating glazing**

Fixed lights and  
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,7 W/m²K	2,2 W/m²K
	2,4 W/m²K	2,0 W/m²K
	2,6 W/m²K	2,1 W/m²K

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,3 W/m²K	2,1 W/m²K

**Janisol Arte Stahl  
 optimiert  
 Dreifach-Isolierglas**

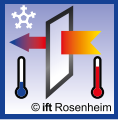
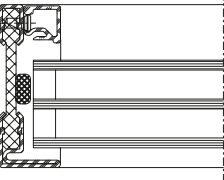
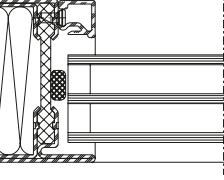
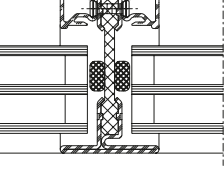
Festverglasungen und  
 Fenster nach innen öffnend

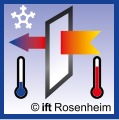
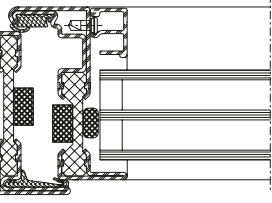
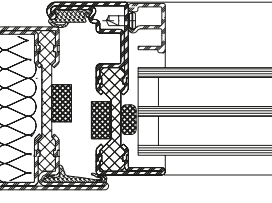
**Janisol Arte acier  
 optimisé  
 Triple verre isolant**

Vitrages fixes et fenêtres  
 ouvrant vers l'intérieur

**Janisol Arte steel  
 optimised  
 Triple insulating glazing**

Fixed lights and  
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,0 W/m²K	X
	1,6 W/m²K	X
	1,6 W/m²K	X

	Füllelementstärken Éléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	3,0 W/m²K	2,5 W/m²K
	2,6 W/m²K	2,2 W/m²K

**Janisol Arte Stahl  
 optimiert  
 Dreifach-Isolierglas**


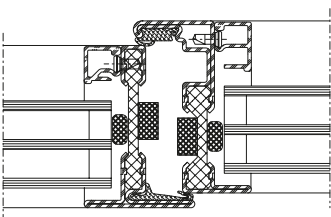
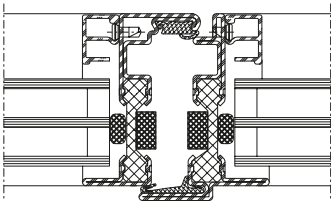
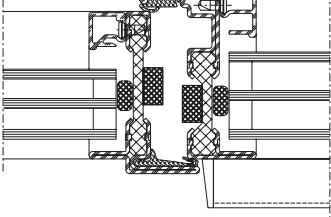
Festverglasungen und  
 Fenster nach innen öffnend


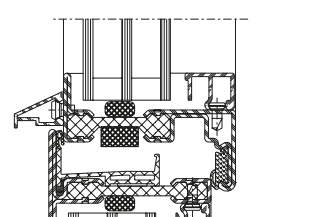
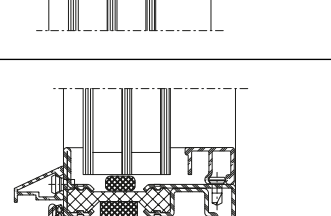
**Janisol Arte acier  
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 Triple verre isolant**

Vitrages fixes et fenêtres  
 ouvrant vers l'intérieur

**Janisol Arte steel  
 optimised  
 Triple insulating glazing**

Fixed lights and  
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,7 W/m²K	2,2 W/m²K
	2,9 W/m²K	2,4 W/m²K
	2,7 W/m²K	2,2 W/m²K

	Füllelementstärken Éléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,6 W/m²K	2,4 W/m²K
	2,6 W/m²K	2,3 W/m²K



**Janisol Arte Stahl  
 optimiert  
 Dreifach-Isolierglas**

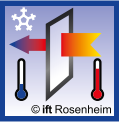
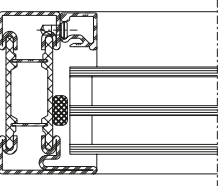
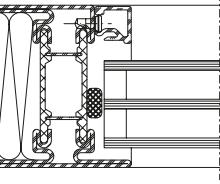
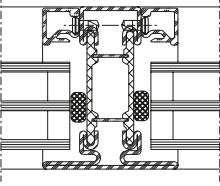
Festverglasungen und  
 Fenster nach innen öffnend


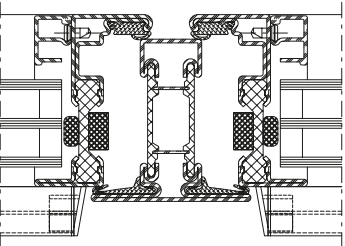
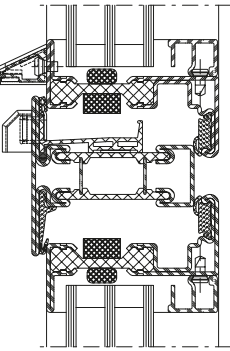
**Janisol Arte acier  
 optimisé  
 Triple verre isolant**

Vitrages fixes et fenêtres  
 ouvrant vers l'intérieur

**Janisol Arte steel  
 optimised  
 Triple insulating glazing**

Fixed lights and  
 windows inward opening

	Füllelementstärken Eléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
		1,6 W/m²K
		1,4 W/m²K
	1,4 W/m²K	

	Füllelementstärken Eléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
		2,7 W/m²K
		2,7 W/m²K

**Janisol Arte Stahl  
 optimiert  
 Dreifach-Isolierglas**


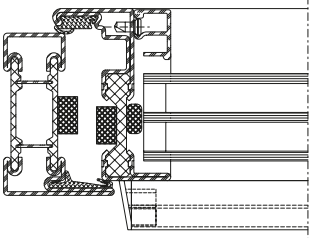
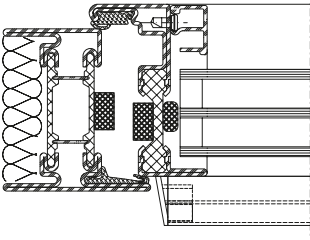
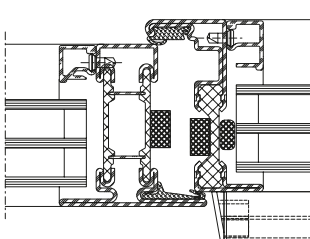
Festverglasungen und  
 Fenster nach innen öffnend

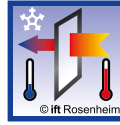
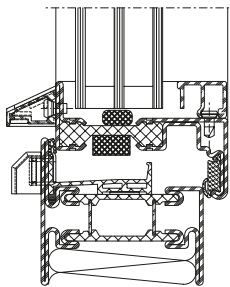
**Janisol Arte acier  
 optimisé  
 Triple verre isolant**

Vitrages fixes et fenêtres  
 ouvrant vers l'intérieur

**Janisol Arte steel  
 optimised  
 Triple insulating glazing**

Fixed lights and  
 windows inward opening

	Füllelementstärken Eléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,6 W/m²K	2,2 W/m²K
	2,3 W/m²K	1,9 W/m²K
	2,4 W/m²K	2,0 W/m²K

	Füllelementstärken Eléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,3 W/m²K	2,0 W/m²K



## Schalldämmung

### Ausführungsvarianten

Die nachfolgende Typenübersicht ergibt einen Überblick über die beurteilten Varianten.

## Isolation phonique

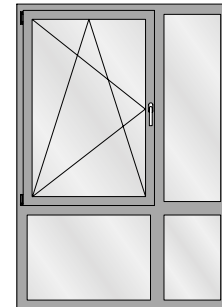
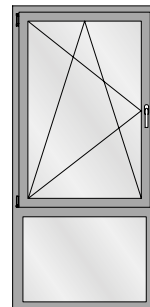
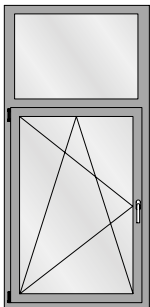
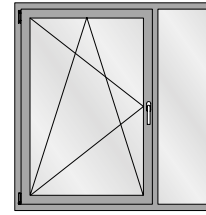
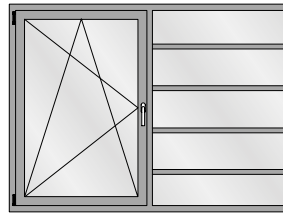
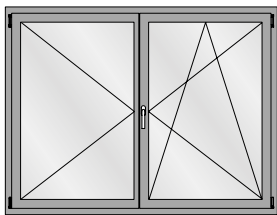
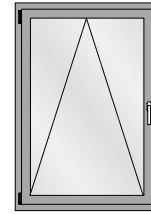
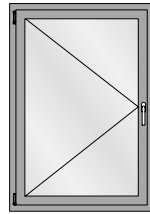
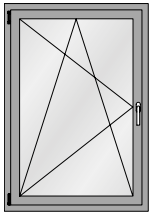
### Modèles

L'aperçu des types suivant fournit une vue d'ensemble des variantes examinées.

## Sound insulation

### Design range

The following overview of types provides an overview of the evaluated designs.



**Tabelle**

Korrekturtabelle für Janisol Arte 66 Fenster mit Mehrscheiben-Isolierglas

**Tableau A1**

Tableau de correction pour les fenêtres Janisol Arte 66 avec vitrage isolant multi-vitres

**Table A1**

Correction table for Janisol Arte 66 windows with multi-pane insulating glass

	1	2	7	8	9	10	12	13	14
	Fenster Fenêtre Window  $R_{W, Fenster}$ dB	Glas Verre Glass  $R_{W, P, Glas}$ dB	Korrekturen Corrections Corrections  $K_{FF}$ dB $K_{G 0,4}$ dB $K_{GK 0,7/A1,0}$ dB $K_{GK 1,1/A1,8}$ dB $K_{G 1,8}$ dB $K_{G 2,9}$ dB $K_{G 3,7}$ dB						
1	29	28	0	0	-2	-2	-2	-3	-4
2	30	29	0	0	-2	-2	-2	-3	-4
3	31	30	0	0	-2	-2	-2	-3	-4
4	32	31	0	0	-2	-2	-2	-3	-4
5	33	32	0	0	-2	-2	-2	-3	-4
6	33	33	0	0	-2	-2	-2	-3	-4
7	34	34	0	0	-2	-2	-2	-3	-4
8	35	35	0	0	-2	-2	-2	-3	-4
9	36	36	0	0	-2	-2	-2	-3	-4
10	37	37	0	0	-2	-2	-2	-3	-4
11	38	38	0	0	-2	-2	-2	-3	-4
12	39	39	0	0	-2	-2	-2	-3	-4
13	40	40	0	0	-2	-2	-2	-4	-4
14	41	41	0	-1	-2	-2	-2	-4	-4
15	42	42	0	-1	-2	-2	-2	-4	-4
16	43	43	0	-2	-2	-2	-2	-4	-4
17	44	44	0	-2	-2	-2	-2	-4	-4
18	45	45	0	-3	-3	-3	-2	-4	-4
19	45	46	0	-4	-3	-3	-4	-5	-5
20	46	47	+1	-4	-3	-3	-5	-5	-6
21	46	48	+1	-5	-3	-3	-5	-5	-6
22	47	49	+2	-5	-3	-3	-5	-5	-6

Der aus der Tabelle A1 abzulesende Wert für die Schalldämmung  $R_{W, Fenster}$  beträgt:

La valeur à relever sur le tableau A1 concernant l'isolement contre les sons aériens  $R_{W, Fenêtre}$  est la suivante:

The value taken from table A1 for the sound insulation  $R_{W, Window}$  is:

$$R_{W, Fenster} = R_W + K_{FF} + K_{G 0,4} + K_{GK 0,7/A1,0} + K_{GK 1,1/A1,8} + K_{G 1,8} + K_{G 2,9} + K_{G 3,7} \text{ dB}$$

$K_{FF}$	Korrekturwert für Festverglasungen	$K_{FF}$	Valeur de correction pour vitrages fixes	$K_{FF}$	Correction value for fixed glazings
$K_{G 0,4}$	Korrekturwert für Einzelscheiben $\leq 0,4 \text{ m}^2$ .	$K_{G 0,4}$	Valeur de correction pour vitres individuelles $\geq 0,4 \text{ m}^2$	$K_{G 0,4}$	Correction value for single panes $\leq 0,4 \text{ m}^2$ .
$K_{GK 0,7/A1,0}$	Korrekturwert für Elemente mit Einzelscheiben mit einer Kantenlänge $\leq 0,7 \text{ m}$ und einer Fläche $\geq 1,0 \text{ m}^2$	$K_{GK 0,7/A1,0}$	Valeur de correction pour éléments à vitre individuelle avec une longueur de bord $\leq 0,7 \text{ m}$ et une surface $\geq 1,0 \text{ m}^2$	$K_{GK 0,7/A1,0}$	Correction value for units with single panes with an edge length $\leq 0.7 \text{ m}$ and an area $\geq 1.0 \text{ m}^2$
$K_{GK 1,1/A1,8}$	Korrekturwert für Elemente mit Einzelscheiben mit einer Kantenlänge $\leq 1,1 \text{ m}$ und einer Fläche $\geq 1,8 \text{ m}^2$ und $\leq 3,4 \text{ m}^2$	$K_{GK 1,1/A1,8}$	Valeur de correction pour éléments à vitre individuelle avec une longueur de bord $\leq 1,1 \text{ m}$ et une surface $\geq 1,8 \text{ m}^2$ et $\leq 3,4 \text{ m}^2$	$K_{GK 1,1/A1,8}$	Correction value for units with single panes with an edge length $\leq 1.1 \text{ m}$ and an area $\geq 1.8 \text{ m}^2$ and $\leq 3.4 \text{ m}^2$
$K_{G 1,8}$	Korrekturwert für Einzelscheiben mit einer Glasfläche $\geq 1,8 \text{ m}^2$	$K_{G1,8}$	Valeur de correction pour vitres individuelles avec surface vitrée $\geq 1,8 \text{ m}^2$	$K_{G1,8}$	Correction value for single panes with a glass area $\geq 1,8 \text{ m}^2$
$K_{G 2,9}$	Korrekturwert für Einzelscheiben mit einer Glasfläche $\geq 2,9 \text{ m}^2$	$K_{G2,9}$	Valeur de correction pour vitres individuelles avec surface vitrée $\geq 2,9 \text{ m}^2$	$R_{G2,9}$	Correction value for single panes with a glass area $\geq 2,9 \text{ m}^2$
$K_{G3,7}$	Korrekturwert für Einzelscheiben mit einer Glasfläche $\geq 3,7 \text{ m}^2$ und $\leq 5,5 \text{ m}^2$	$R_{G3,7}$	Valeur de correction pour vitres individuelles avec surface vitrée $\geq 3,7 \text{ m}^2$ et $\leq 5,5 \text{ m}^2$	$R_{G3,7}$	Correction value for single panes with a glass area $\geq 3,7 \text{ m}^2$ and $\leq 5,5 \text{ m}^2$



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<b>Inhaltsverzeichnis</b>		Janisol Arte 66
<b>Sommaire</b>		Janisol Arte 66
<b>Content</b>		Janisol Arte 66

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<b>Systemübersicht</b>	<b>Sommaire du système</b>	<b>Summary of system</b>	<b>2</b>
Merkmale Leistungseigenschaften Typenübersicht	Caractéristiques Caractéristiques de performance Sommaire des types	Characteristics Performance characteristics Summary of types	

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<b>Profilsortiment</b>	<b>Assortiment de profilé</b>	<b>Range of profiles</b>	<b>8</b>
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<b>Beispiele</b>	<b>Exemples</b>	<b>Examples</b>	<b>14</b>
Schnittpunkte Konstruktionsdetails Anschlüsse am Bau	Coupes de détails Détails de construction Raccords au mur	Section details Construction details Attachment to structure	

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<b>Leistungseigenschaften</b>	<b>Caractéristiques de performance</b>	<b>Performance characteristics</b>	<b>32</b>
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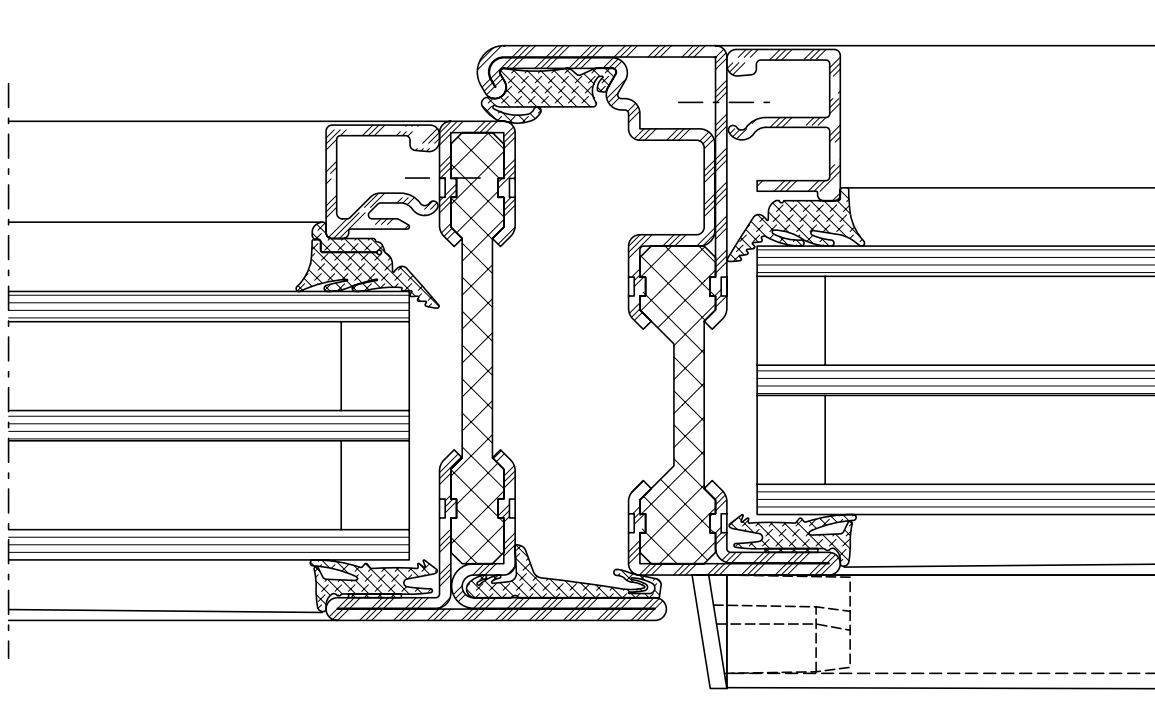
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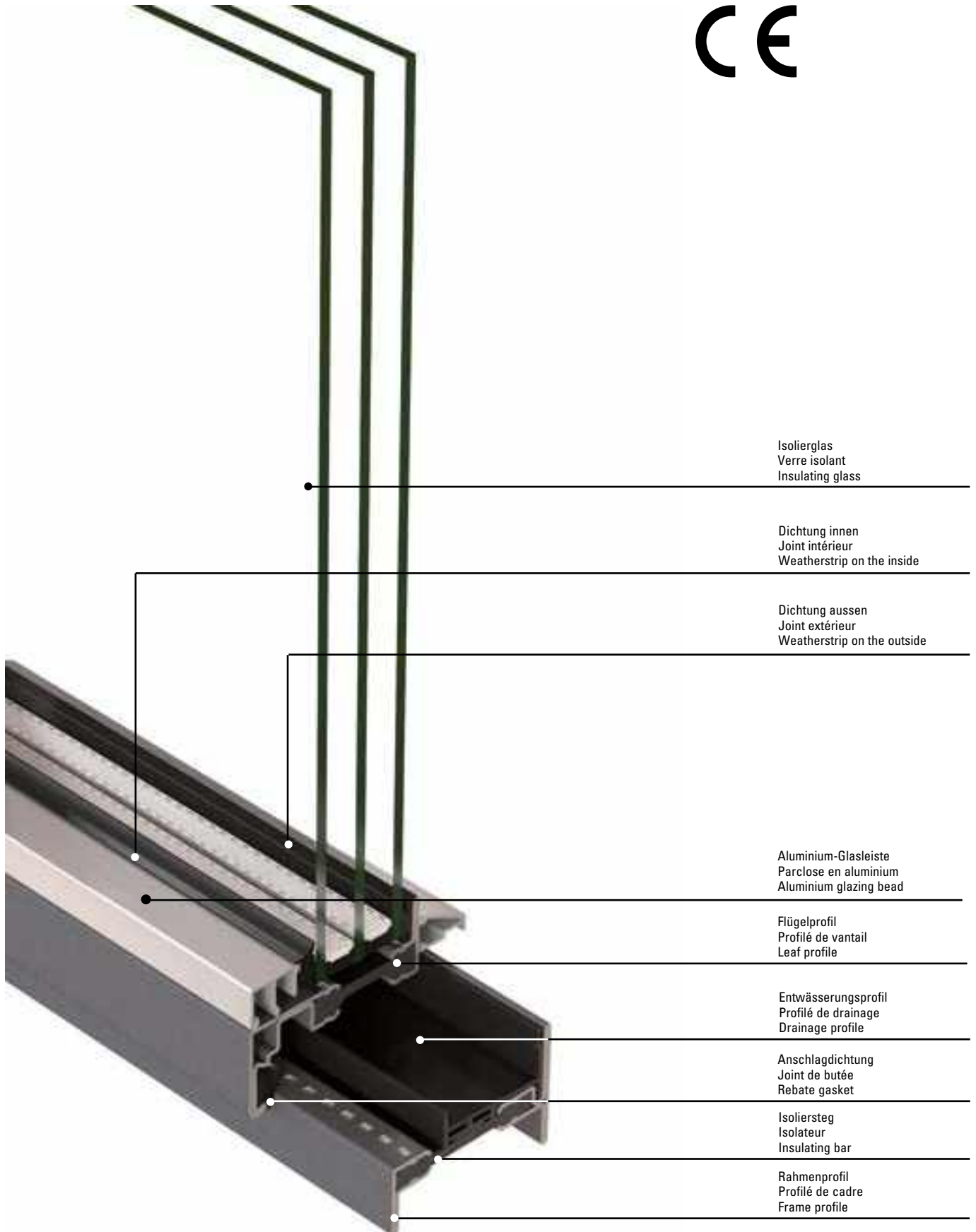













**Merkmale**  
**Caractéristiques**  
**Characteristics**

Janisol Arte 66  
Janisol Arte 66  
Janisol Arte 66

- Wärmegeädämmtes Stahlsystem für Fenster und Festverglasungen
- Bautiefe 60/66 mm, Fensterflügel 70 mm
- Schmale Ansichtsbreiten: Fenstersprossen 40 mm Rahmen inkl. Flügel ab 53 mm Stulppartie 76 mm
- Ein- und zweiflüglige Dreh- und Drehkippenfenster und Kippenfenster nach innen öffnend
- Dreh- und Drekippen-Fensterflügel bis 2300 mm Höhe
- Flügelgewichte bis 180 kg
- Füllelementstärken von 15 bis 44 mm, Glaseinbau mittels Trocken- oder Nassverglasung
- Systemprüfungen nach Produktnorm EN 14351-1
- Profil-Verbundtechnik nach EN 14024 und DIN 18056 geprüft
- Geeignet für Pulver- und Nasslackbeschichtungen
- Oberfläche ZF 100 für ein optimiertes Schweissverhalten
- Système en acier à rupture de pont thermique pour fenêtres et vitrages fixes
- Profondeur de montage 60/66 mm, vantail de fenêtre 70 mm
- Fines largeurs de face: Meneau de fenêtre 40 mm Cadre avec vantail à partir de 53 mm Partie tête 76 mm
- Fenêtres ouvrant à la française et oscillo-battantes à un et deux vantaux et fenêtres à soufflet à ouverture vers l'intérieur
- Vantaux à la française et oscillo-battants jusqu'à 2300 mm hauteur
- Poids de vantail jusqu'à 180 kg
- Éléments de remplissage de 15 à 44 mm d'épaisseur, montage du vitrage à sec ou au silicone
- Contrôles des systèmes selon la norme produit EN 14351-1
- Technique d'assemblage de profilés contrôlée selon EN 14024 et DIN 18056
- Convient aux revêtements par poudre ou peinture liquide
- Surface ZF 100 pour un comportement au soudage optimisé
- Thermally insulated steel system for windows and fixed glazing
- Basic depth 60/66 mm, window vent 70 mm
- Narrow face widths: Window sash bars 40 mm Frame including vent from 53 mm Double vent assembly 76 mm
- Single and double-vent side-hung and turn/tilt windows and bottom-hung windows, inward-opening
- Side-hung and turn/tilt window vents up to 2300 mm height
- Vent weights up to 180 kg
- Infill unit thicknesses from 15 to 44 mm, glazing installed by means of dry or wet glazing
- System tests in accordance with the product standard EN 14351-1
- Profile bonding technology tested in accordance with EN 14024 and DIN 18056
- Suitable for powder and wet paint coating
- ZF 100 surface finish for optimised welding characteristics





Norm	Eigenschaft Caractéristique Characteristic	Klassifizierung / Wert Classification / Valeur Classification / Value														
		npd	C1 (400)	C2 (800)	C3 (1200)	C4 (1600)	C5 (2000)	1A (0)	2A (50)	3A (100)	4A (150)	5A (200)	6A (250)	7A (300)	8A (450)	9A (600)
 EN 12210	<b>Widerstandsfähigkeit bei Windlast</b> <b>Résistance à la pression du vent</b> <b>Resistance to wind load</b>	npd	C1 (400)	C2 (800)	C3 (1200)	C4 (1600)	C5 (2000)									
 EN 12208	<b>Schlagregendichtheit</b> <b>Étanchéité à la pluie battante</b> <b>Watertightness</b>	npd	1A (0)	2A (50)	3A (100)	4A (150)	5A (200)	6A (250)	7A (300)	8A (450)	9A (600)	Exxx (>750)				
 EN ISO 10140	<b>Schalldämmung</b> $R_w$ ( $C$ , $C_{tr}$ ) (dB) <b>Isolation phonique</b> $R_w$ ( $C$ , $C_{tr}$ ) (dB) <b>Sound insulation</b> $R_w$ ( $C$ , $C_{tr}$ ) (dB)	npd	bis $R_w$ 47 dB (-2; -7) jusqu'à $R_w$ 47 dB (-2; -7) up to $R_w$ 47 dB (-2; -7)													
 EN ISO 10077-2	<b>Wärmedurchgangskoeffizient</b> $U_f$ (W/(m <sup>2</sup> ·K)) <b>Transmission thermique</b> $U_f$ (W/(m <sup>2</sup> ·K)) <b>Thermal production</b> $U_f$ (W/(m <sup>2</sup> ·K))	npd	ab 1,6 W/m <sup>2</sup> ·K à partir de 1,6 W/m <sup>2</sup> ·K from 1,6 W/m <sup>2</sup> ·K													
 EN 12207	<b>Luftdurchlässigkeit</b> <b>Perméabilité à l'air</b> <b>Air permeability</b>	npd	1 (150)	2 (300)	3 (600)	4 (600)										
 EN 14351-1	<b>Tragfähigkeit von Sicherheitsvorrichtungen</b> <b>Capacité portante des dispositifs de sécurité</b> <b>Load-bearing capacity of safety devices</b>	npd	Anforderung erfüllt Exigence remplie Requirement satisfied													
 EN 13115	<b>Mechanische Festigkeit</b> <b>Résistance mécanique</b> <b>Mechanical strength</b>	npd	1	2	3	4										
 EN 13115	<b>Bedienkräfte</b> <b>Forces de manœuvre</b> <b>Operating forces</b>	npd	0	1	2											
 EN 13049	<b>Stoßfestigkeit</b> <b>Résistance aux chocs</b> <b>Impact resistance</b>	npd	1	2	3	4	5									
 EN 14024	<b>Metallprofile mit thermischer Trennung</b> <b>Profils en métal. avec rupture de pont thermique</b> <b>Metal profiles with thermal barrier</b>		CW / TC2 / A													
 DIN 18008-4	<b>Vorgefertigte absturzsichernde Verglasung</b> <b>Vitrage anti-chutes préfabriqué</b> <b>Prefabricated glazing suitable for safety barrier loading</b>		Anhang D.1.2 erfüllt Annexe D.1.2 satisfaite Appendix D.1.2 fulfilled													

npd = keine Leistung festgestellt  
(no performance determined)

npd = aucune performance  
déterminée  
(no performance determined)

npd = no performance determined

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**DXF**

**DWG**

Vous pouvez télécharger les dessins aux formats DXF et/ou DWG. Cliquez sur l'icône correspondante et le téléchargement s'effectuera.

Les indications «Bibliothèque des articles/Ferures de porte/Ferrures de fenêtres» signifie que vous téléchargez la totalité de la bibliothèque des articles du système donné (profilés, ferrures, parclozes, accessoires etc.).

## Info et conseils

Nous vous conseillerons volontiers individuellement et sommes à votre disposition si vous avez des questions à poser. Veuillez nous envoyer votre requête à: [info@jansen.com](mailto:info@jansen.com)

## Download CAD files

**DXF**

**DWG**

You can download the drawings in DXF and/or DWG format. Click on the relevant icon to begin the download.

The items «Article library/Door fittings/Window fittings» means that you download the entire article library for the corresponding system with one click (profiles, fittings, glazing beads, accessories etc.).

## Information and advice

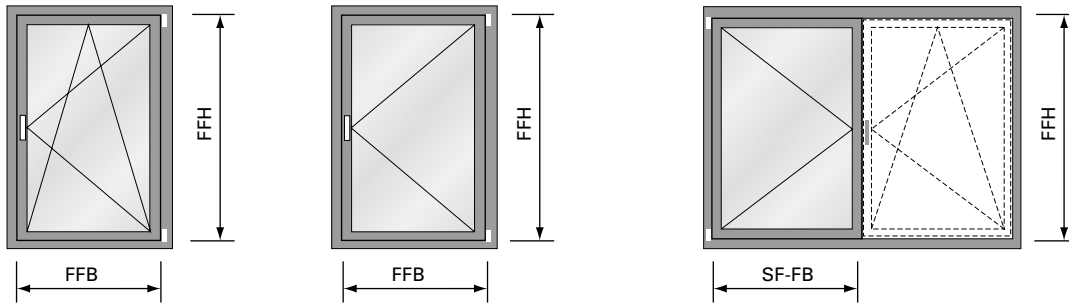
We would be delighted to provide you with advice in person and are available to answer any questions you may have. Please write to us with your queries at: [info@jansen.com](mailto:info@jansen.com)

**Technische Daten****Caractéristiques techniques****Technical data**

Janisol Arte 66

Janisol Arte 66

Janisol Arte 66

*Flügelgrößen**Drehkipp-, Drehfenster und Stulpfenster:*

Max.	FFH = 2300 mm
	FFB = 1400 mm
Min.	FFH = 470 mm
	FFB = 480 mm

Max. Gewicht:	180 kg
FFB/FFH:	≤ 2
max. Fläche:	2,3 m <sup>2</sup>

*Grandeurs du vantail**fenêtre oscillo-battante, à la française et fenêtré à deux vantaux:*

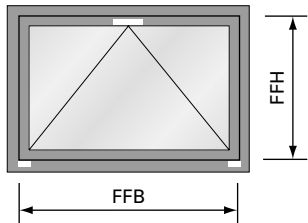
Max.	FFH = 2300 mm
	FFB = 1400 mm
Min.	FFH = 470 mm
	FFB = 480 mm

Poids max.:	180 kg
FFB/FFH:	≤ 2
Surface max:	2,3 m <sup>2</sup>

*Size of vents**turn/tilt, side-hung and double-vent windows:*

Max.	FFH = 2300 mm
	FFB = 1400 mm
Min.	FFH = 470 mm
	FFB = 480 mm

Max. weight:	180 kg
FFB/FFH:	≤ 2
max. surface:	2,3 m <sup>2</sup>

*Flügelgröße**Kipp-Fenster:*

Max.	FFH = 2300 mm
	FFB = 2300 mm
Min.	FFH = 600 mm
	FFB = 445 mm

Max. Gewicht:	80 kg
---------------	-------

*Grandeur du vantail**fenêtré à soufflet:*

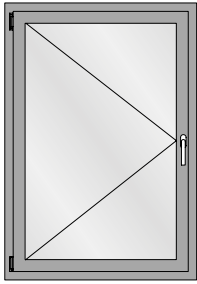
Max.	FFH = 2300 mm
	FFB = 2300 mm
Min.	FFH = 600 mm
	FFB = 445 mm

Poids max.:	80 kg
-------------	-------

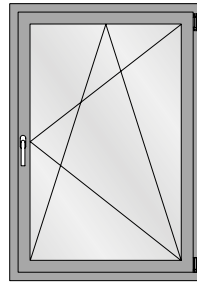
*Size of vent**bottom-hung window:*

Max.	FFH = 2300 mm
	FFB = 2300 mm
Min.	FFH = 600 mm
	FFB = 445 mm

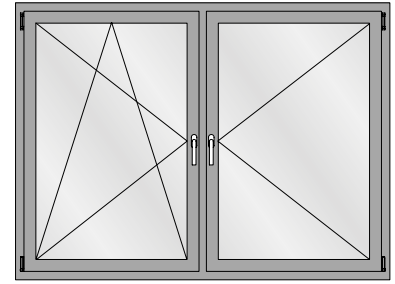
Max. weight:	80 kg
--------------	-------



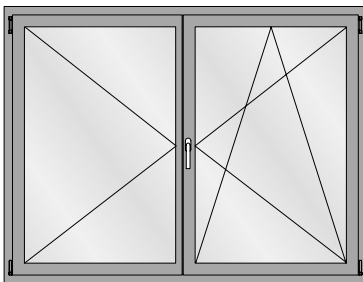
Drehflügel  
 Fenêtre à la française  
 Side-hung window



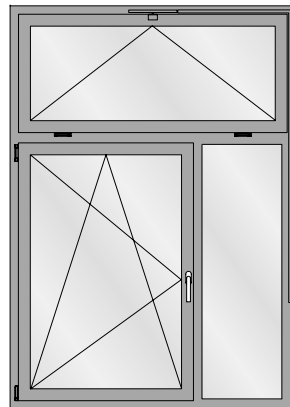
Drehkipp-Flügel  
 Vantail oscillo-battant  
 Turn/tilt window



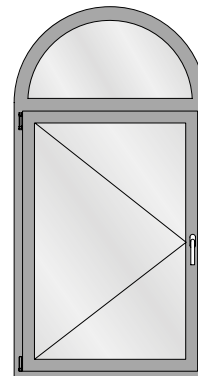
Drehkipp/Drehflügel (mit Pfosten)  
 Vantail oscillo-battant/fenêtre à la française  
 (avec montant)  
 Side-hung/turn/tilt window (with mullion)



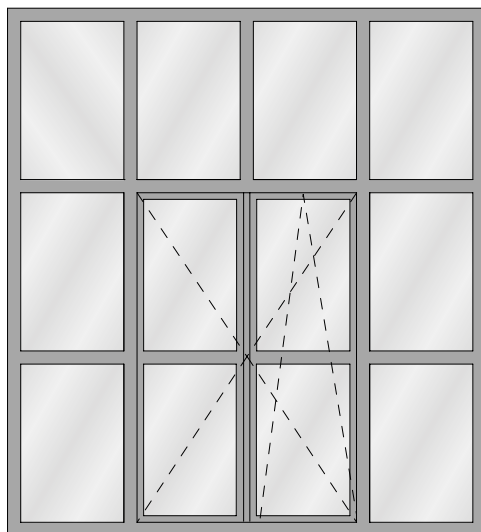
Stulpfenster  
 Fenêtre à deux vantaux  
 Double leaf window



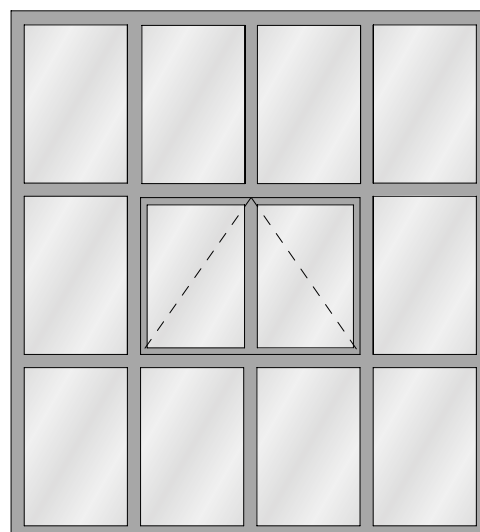
Fenster Drehkipp mit Oberlicht  
 Vantail oscillo-battant avec imposte  
 Window, turn/tilt with top light



Einflügeliges Fenster mit Rundbogen-Oberlicht  
 Fenêtre à la française avec imposte demi-rond  
 Side hung window with round arched top light

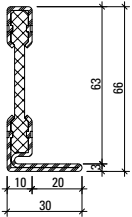


Drehkipp-Flügel mit Festverglasung  
 Vantail oscillo-battant avec vitrage fixe et imposte  
 Turn/tilt window with fixed lights and top lights



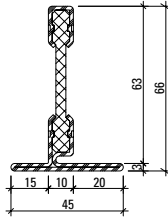
Kippfenster  
 Fenêtre à soufflet  
 Bottom-hung window

**Profile mit Lappen 20 mm**  
**(Rahmen Drehkipp-Fenster)**

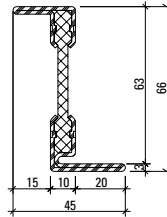


**601.630 Z**  
**601.630.09**

**Profilés avec battue 20 mm**  
**(cadre fenêtre oscillo-battante)**

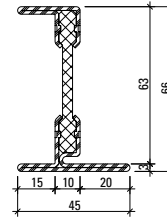


**602.630 Z**  
**602.630.09**

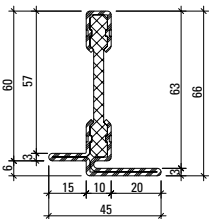


**603.630 Z**  
**603.630.09**

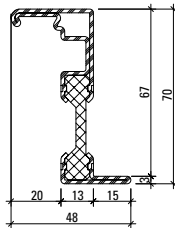
**Profiles with lips, 20 mm**  
**(turn/tilt window frame)**



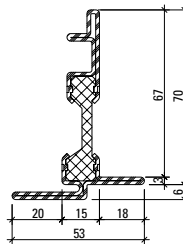
**605.630 Z**  
**605.630.09**



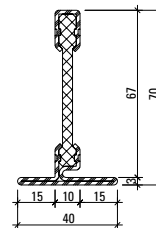
**602.631 Z**  
**602.631.09**



**610.900 Z**  
**610.900.09**

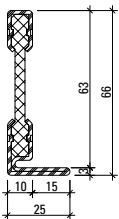


**610.901 Z**  
**610.901.09**



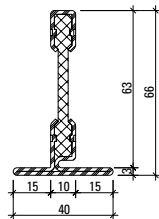
**602.611.7 Z**  
**602.611.79**

**Profile mit Lappen 15 mm**  
**(Festverglasungen)**

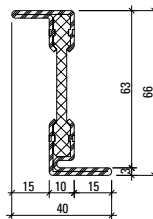


**601.612 Z**

**Profilés avec battue 15 mm**  
**(Vitrages fixes)**

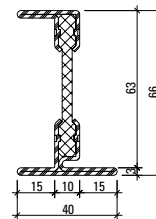


**602.613 Z**



**603.612 Z**  
**603.612.01**  
**603.612.09**

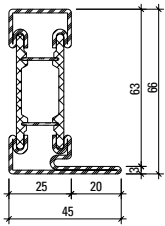
**Profiles with lips 15 mm**  
**(Fixed glazings)**



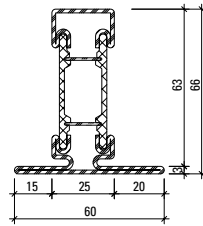
**605.612 Z**

Profil-Nr.	G kg/m	I <sub>x</sub> cm <sup>4</sup>	W <sub>x</sub> cm <sup>3</sup>	I <sub>y</sub> cm <sup>4</sup>	W <sub>y</sub> cm <sup>3</sup>	U m <sup>2</sup> /m
<b>601.630 Z</b>	2,276	9,63	2,12	1,37	0,65	0,214
<b>602.630 Z</b>	2,615	10,65	2,20	2,42	1,02	0,243
<b>603.630 Z</b>	2,619	14,84	3,93	2,42	1,02	0,243
<b>605.630 Z</b>	2,958	16,83	4,05	3,19	1,24	0,272
<b>602.631 Z</b>	2,609	10,11	2,14	2,41	1,01	0,242
<b>602.611.7 Z</b>	2,353	11,85	2,35	1,68	0,84	0,241

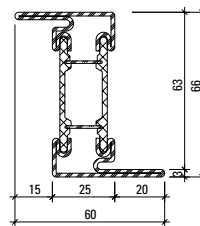
Profil-Nr.	G kg/m	I <sub>x</sub> cm <sup>4</sup>	W <sub>x</sub> cm <sup>3</sup>	I <sub>y</sub> cm <sup>4</sup>	W <sub>y</sub> cm <sup>3</sup>	U m <sup>2</sup> /m
<b>601.612 Z</b>	2,159	9,23	2,12	0,83	0,48	0,204
<b>602.613 Z</b>	2,497	10,41	2,20	1,71	0,85	0,233
<b>603.612 Z</b>	2,502	13,98	3,87	1,71	0,85	0,234
<b>605.612 Z</b>	2,840	16,21	4,02	2,35	1,07	0,262
<b>610.900 Z</b>	3,048					0,272
<b>610.901 Z</b>	3,410					0,298



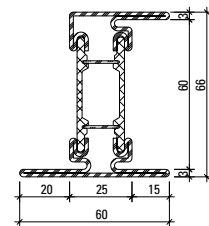
**601.632 Z**



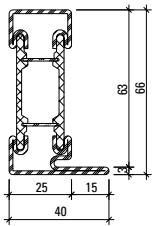
**602.632 Z**



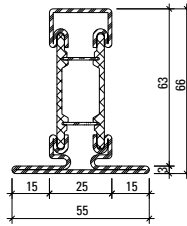
**603.632 Z**



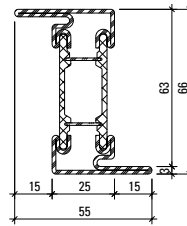
**605.632 Z**



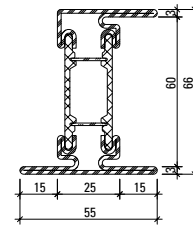
**601.645 Z**



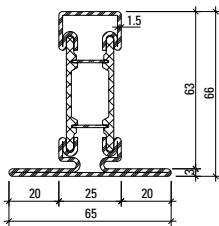
**602.645 Z**



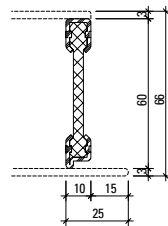
**603.645 Z**



**605.645 Z**



**602.633 Z**



**600.612 Z**

**Oberfläche/Werkstoff**

Artikel-Nr.

**mit Z** = bandverzinkter Stahl

**Werkstoff 1.4401 (AISI 316)**

mit 01 = blank

mit 03 = geschliffen, Korn 220-240

**Werkstoff**

mit x9 = Stahl KB DOCOL 355W (Corten)

Edelstahl geschliffen auf Anfrage

**Surface/Matériau**

No. d'article

**avec Z** = bande d'acier zinguée

**Matériau 1.4401 (AISI 316)**

avec 01 = brut

avec 03 = polies, grain 220-240

**Matériau**

avec x9 = acier KB DOCOL 355W (Corten)

Acier Inox polie sur demande

**Surface/Material**

Part no.

**with Z** = strip galvanised steel

**Material 1.4401 (AISI 316)**

with 01 = bright

with 03 = polished, grain 220-240

**Material**

with x9 = steel KB DOCOL 355W (Corten)

Stainless steel polished on request

Profil-Nr.	G kg/m	I <sub>x</sub> cm <sup>4</sup>	W <sub>x</sub> cm <sup>3</sup>	I <sub>y</sub> cm <sup>4</sup>	W <sub>y</sub> cm <sup>3</sup>	U m <sup>2</sup> /m
<b>601.632 Z</b>	3,217	16,98	4,21	4,70	1,67	0,249
<b>601.645 Z</b>	3,100	16,29	4,16	3,70	1,52	0,239
<b>602.632 Z</b>	3,701	19,13	4,34	7,15	2,28	0,290
<b>602.645 Z</b>	3,584	18,63	4,31	5,88	2,14	0,280
<b>603.632 Z</b>	3,700	22,63	6,61	7,16	2,28	0,290

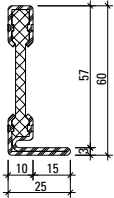
Profil-Nr.	G kg/m	I <sub>x</sub> cm <sup>4</sup>	W <sub>x</sub> cm <sup>3</sup>	I <sub>y</sub> cm <sup>4</sup>	W <sub>y</sub> cm <sup>3</sup>	U m <sup>2</sup> /m
<b>603.645 Z</b>	3,583	21,56	6,53	5,88	2,14	0,280
<b>605.632 Z</b>	4,184	26,12	6,83	9,02	2,68	0,331
<b>605.645 Z</b>	4,067	25,31	6,78	7,54	2,53	0,321
<b>602.633 Z</b>	3,819	19,58	4,37	8,53	2,62	0,300
<b>600.612 Z</b>	1,292	4,39	1,44	0,14	0,26	0,150



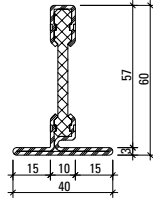
**Profile Janisol Arte 2.0**  
**(Lappen 15 mm)**

**Profilés Janisol Arte 2.0**  
**(Lappen 15 mm)**

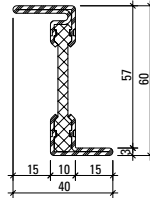
**Profiles Janisol Arte 2.0**  
**(Lappen 15 mm)**



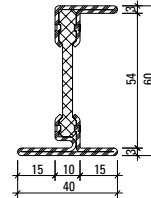
**601.611 Z**  
**601.611.01**  
**601.611.09**



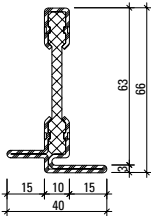
**602.611 Z**  
**602.611.01**  
**602.611.09**



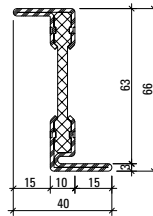
**603.611 Z**  
**603.611.01**  
**603.611.09**



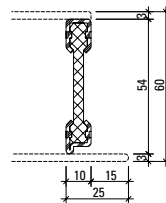
**605.611 Z**  
**605.611.01**  
**605.611.09**



**602.612 Z**  
**602.612.01**  
**602.612.09**



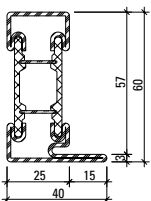
**603.612 Z**  
**603.612.01**  
**603.612.09**



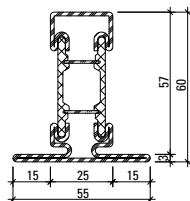
**600.609 Z**

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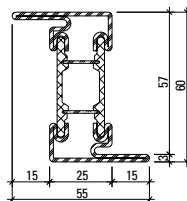
**DXF** **DWG**



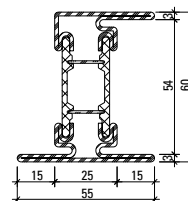
**601.615 Z**  
**601.615.09**



**602.615 Z**  
**602.615.01**  
**602.615.09**



**603.615 Z**  
**603.615.09**



**605.615 Z**  
**605.615.09**

**Stirnseitige Kennzeichnung**  
 Edelstahl (01) = Blau  
 Corten (09) = Grün

**Marquage en face avant**  
 Acier inox (01) = Bleu  
 Corten (09) = Vert

**Labelling on the front**  
 Stainless steel (01) = Blue  
 Corten (09) = Green

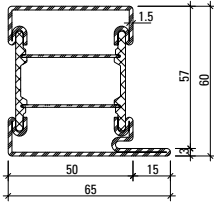
Profil-Nr.	G kg/m	I <sub>x</sub> cm <sup>4</sup>	W <sub>x</sub> cm <sup>3</sup>	I <sub>y</sub> cm <sup>4</sup>	W <sub>y</sub> cm <sup>3</sup>	U m <sup>2</sup> /m
<b>601.611 Z</b>	1,930	7,31	1,85	0,78	0,46	0,192
<b>602.611 Z</b>	2,269	11,85	2,35	1,68	0,84	0,241
<b>603.611 Z</b>	2,273	11,13	3,47	1,68	0,84	0,222
<b>605.611 Z</b>	2,612	13,04	3,60	2,31	1,05	0,251
<b>602.612 Z</b>	2,491	9,75	2,11	1,71	0,85	0,232
<b>603.612 Z</b>	2,502	13,98	3,87	1,71	0,85	0,234

Profil-Nr.	G kg/m	I <sub>x</sub> cm <sup>4</sup>	W <sub>x</sub> cm <sup>3</sup>	I <sub>y</sub> cm <sup>4</sup>	W <sub>y</sub> cm <sup>3</sup>	U m <sup>2</sup> /m
<b>600.609 Z</b>	1,242	3,39	1,23	0,14	0,26	0,138
<b>601.615 Z</b>	3,020	12,93	3,64	3,70	1,52	0,227
<b>602.615 Z</b>	3,516	14,85	3,79	5,88	2,14	0,268
<b>603.615 Z</b>	3,515	17,23	5,74	5,88	2,14	0,268
<b>605.615 Z</b>	3,999	20,27	5,97	7,53	2,53	0,309

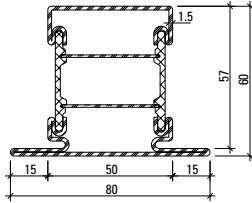
**Profile Janisol Arte 2.0**  
**(Lappen 15 mm)**

**Profils Janisol Arte 2.0**  
**(Lappen 15 mm)**

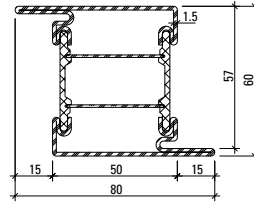
**Profiles Janisol Arte 2.0**  
**(Lappen 15 mm)**



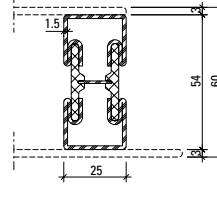
**601.616 Z**



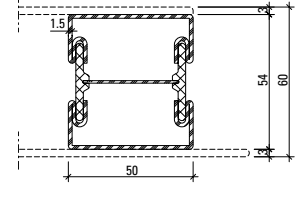
**602.616 Z**



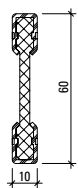
**603.616 Z**



**600.008 Z**



**600.007 Z**



**600.610 Z**

Oberfläche/Werkstoff	
Artikel-Nr.	
<b>mit Z</b>	= bandverzinkter Stahl
<b>Werkstoff 1.4401 (AISI 316)</b>	
mit 01	= blank
mit 03	= geschliffen, Korn 220-240
<b>Werkstoff</b>	
mit 09	= Stahl KB DOCOL 355W (Corten)
Edelstahl geschliffen auf Anfrage	

Surface/Matériau	
No. d'article	
<b>avec Z</b>	= bande d'acier zinguée
<b>Matériau 1.4401 (AISI 316)</b>	
avec 01	= brut
avec 03	= polies, grain 220-240
<b>Matériau</b>	
avec 09	= acier KB DOCOL 355W (Corten)
Acier Inox polie sur demande	

Surface/Material	
Part no.	
<b>with Z</b>	= strip galvanised steel
<b>Material 1.4401 (AISI 316)</b>	
with 01	= bright
with 03	= polished, grain 220-240
<b>Material</b>	
with 09	= steel KB DOCOL 355W (Corten)
Stainless steel polished on request	

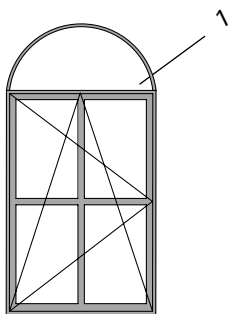
Profil-Nr.	G kg/m	I <sub>x</sub> cm <sup>4</sup>	W <sub>x</sub> cm <sup>3</sup>	I <sub>y</sub> cm <sup>4</sup>	W <sub>y</sub> cm <sup>3</sup>	U m <sup>2</sup> /m
<b>601.616 Z</b>	3,746	17,89	5,20	16,30	4,60	0,295
<b>602.616 Z</b>	4,239	20,08	5,33	22,41	5,60	0,318
<b>603.616 Z</b>	4,219	22,02	7,34	22,38	5,59	0,318
<b>600.610 Z</b>	1,532	4,94	1,65	0,18	0,36	0,151
<b>600.008 Z</b>	2,826	8,12	2,82	2,57	5,06	0,170
<b>600.007 Z</b>	3,429	12,46	4,33	13,50	5,40	0,220

**Gewichte für  
 Edelstahlprofile  
 Poids pour profilés  
 en acier Inox  
 Weights for  
 stainless steel profiles**

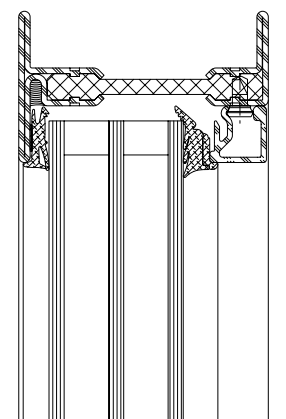
<b>601.611.01</b>	= 1,964 kg/m
<b>602.611.01</b>	= 2,311 kg/m
<b>603.611.01</b>	= 2,316 kg/m
<b>605.611.01</b>	= 2,663 kg/m
<b>602.612.01</b>	= 2,536 kg/m
<b>603.612.01</b>	= 2,548 kg/m
<b>602.615.01</b>	= 3,517 kg/m

**Bogenfenster**  
**Fenêtres cintrées**  
**Arched windows**

Janisol Arte 66  
 Janisol Arte 66  
 Janisol Arte 66



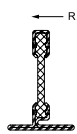
**1.0**



Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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601.612 Z	450 mm
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602.613 Z	450 mm
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Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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603.612 Z	450 mm
603.612.09	450 mm



605.612 Z	450 mm
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Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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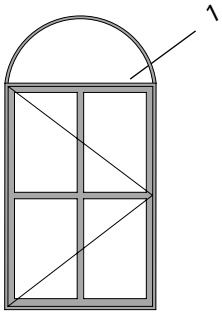
62.510 Z	300 mm
62.511 Z	300 mm
62.512 Z	300 mm



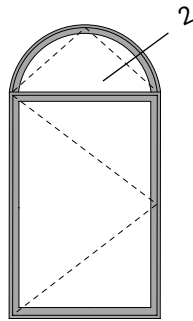
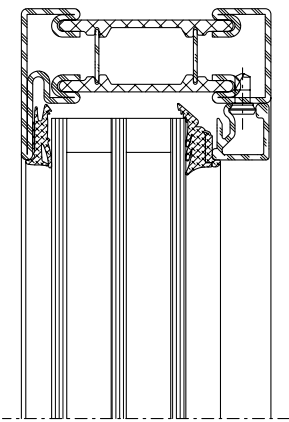
402.190 Z	300 mm
402.191 Z	300 mm
402.192 Z	300 mm



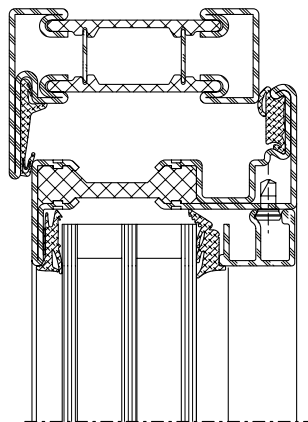
402.990	300 mm
402.991	300 mm
402.992	300 mm



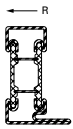
**1.0**



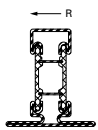
**2.0**



Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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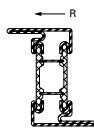


601.632 Z	600 mm
601.645 Z	600 mm

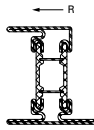


602.632 Z	600 mm
602.645 Z	600 mm
602.633 Z	600 mm

Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
------------------------------	---



603.632 Z	700 mm
603.645 Z	700 mm



605.632 Z	600 mm
605.645 Z	600 mm

Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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405.030	440 mm
405.031	440 mm
405.032	440 mm
405.033	440 mm

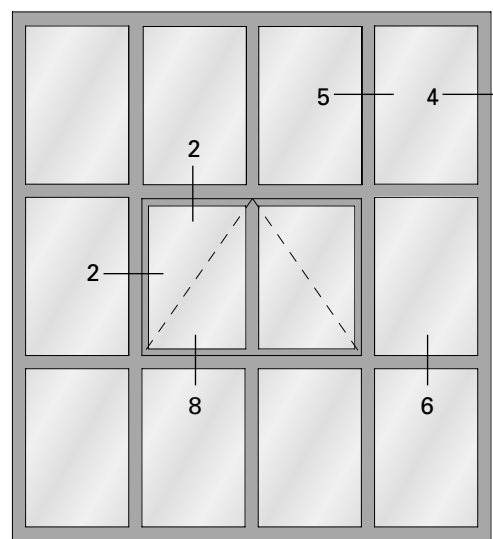
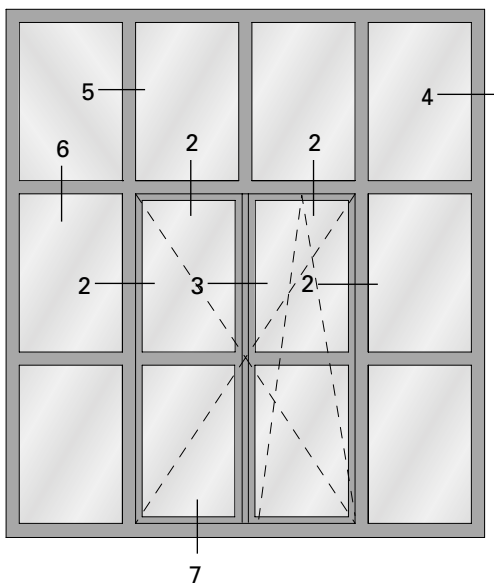
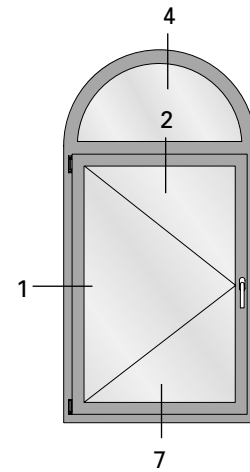
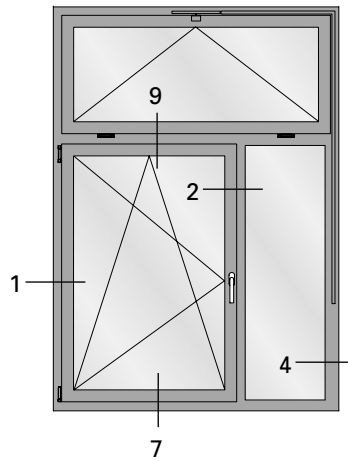
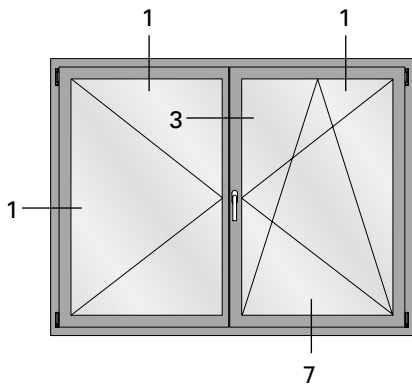
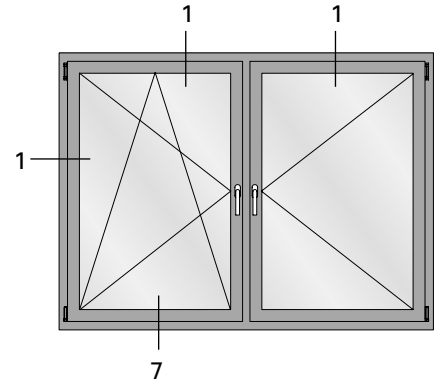
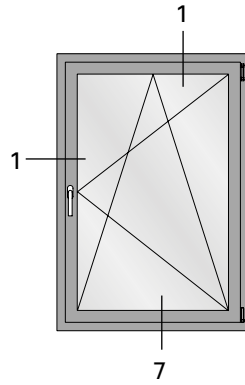
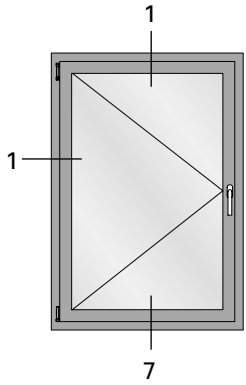
Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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406.930	300 mm
406.931	300 mm
406.932	300 mm

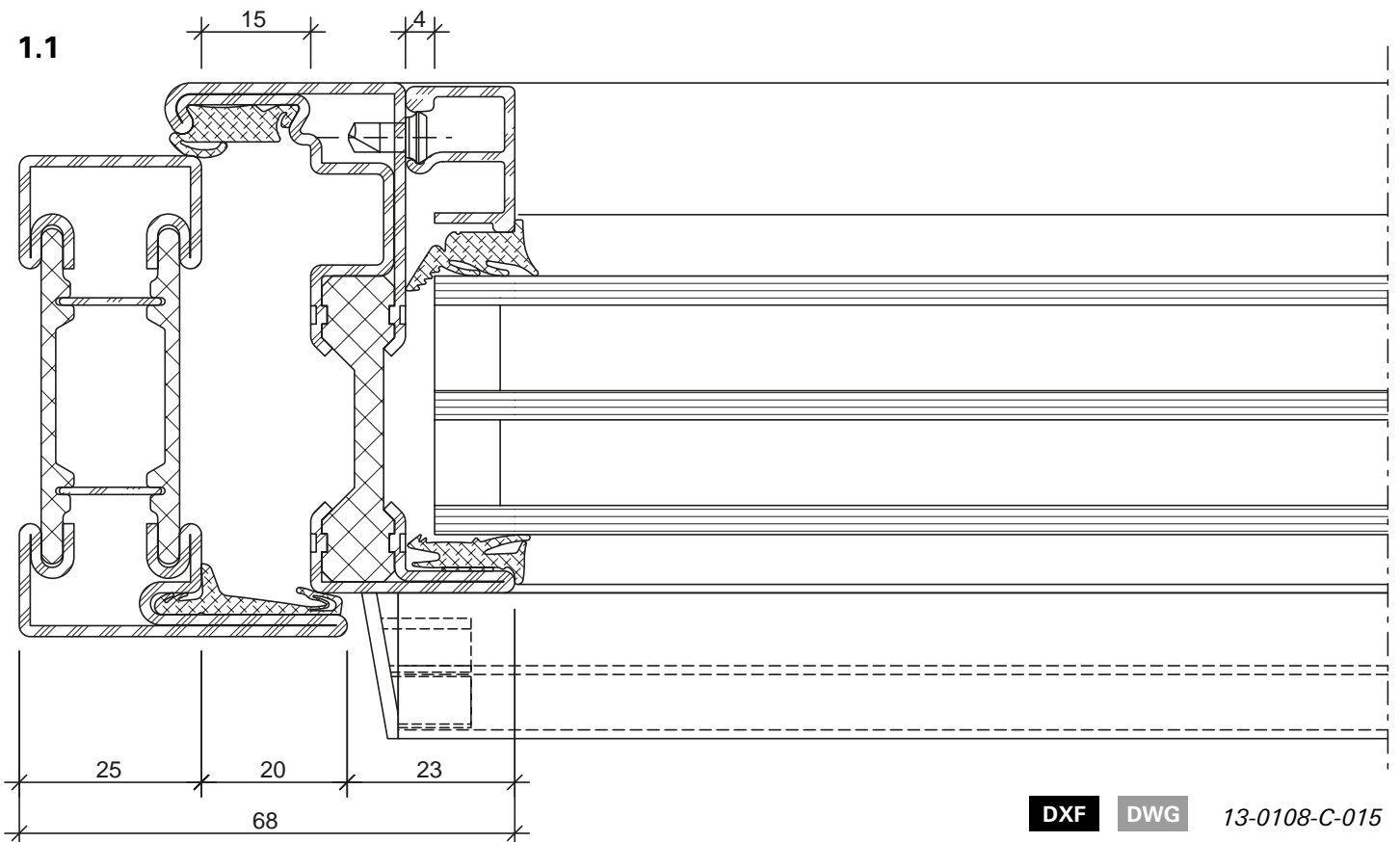
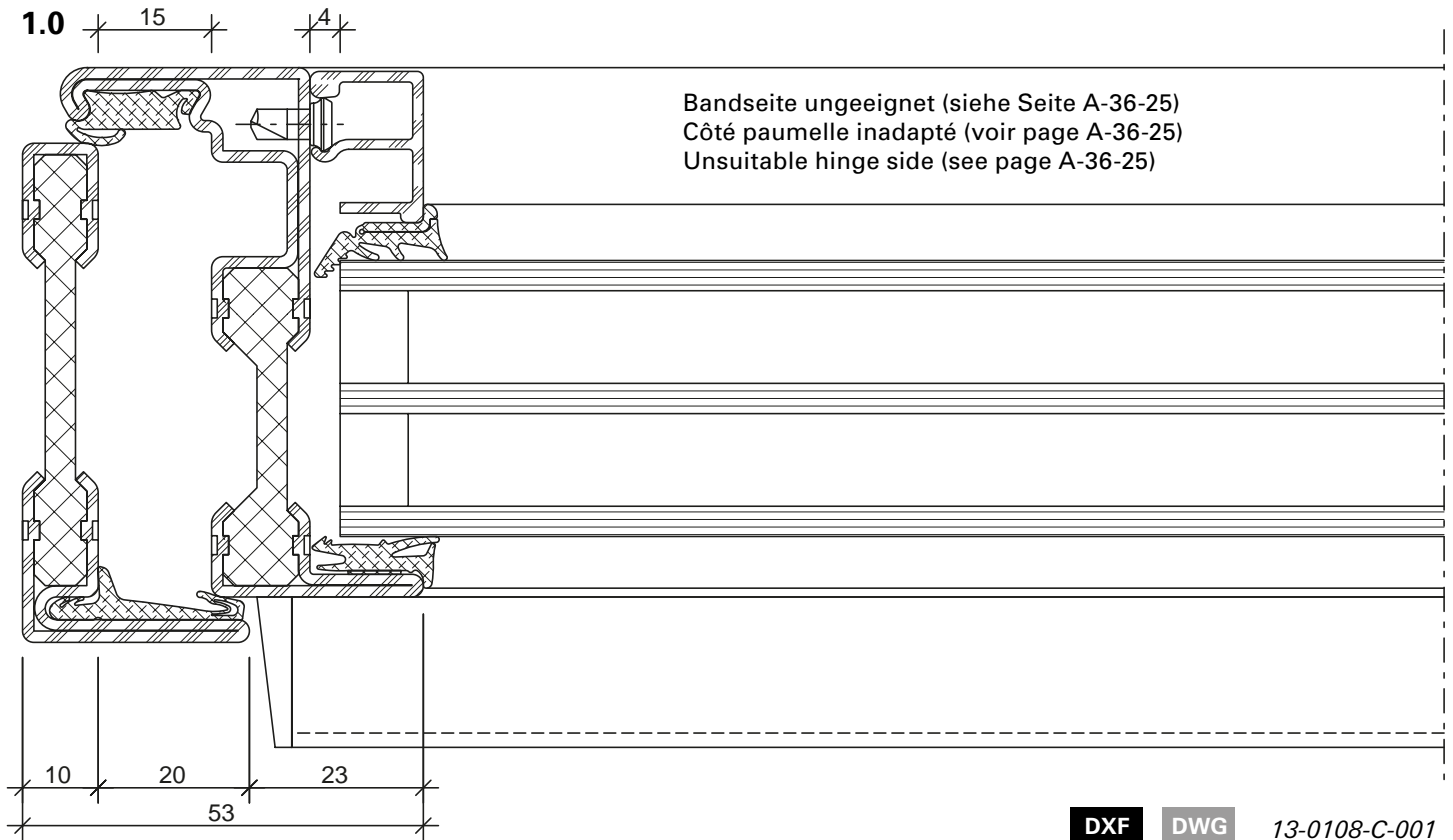
**Schnittpunkte nach innen öffnend**  
**Coupe de détails ouvrant vers l'intérieur**  
**Section details opening inwards**

Janisol Arte 66  
 Janisol Arte 66  
 Janisol Arte 66



**Schnittpunkte nach innen öffnend im Massstab 1:1**  
**Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1**  
**Section details opening inwards on scale 1:1**

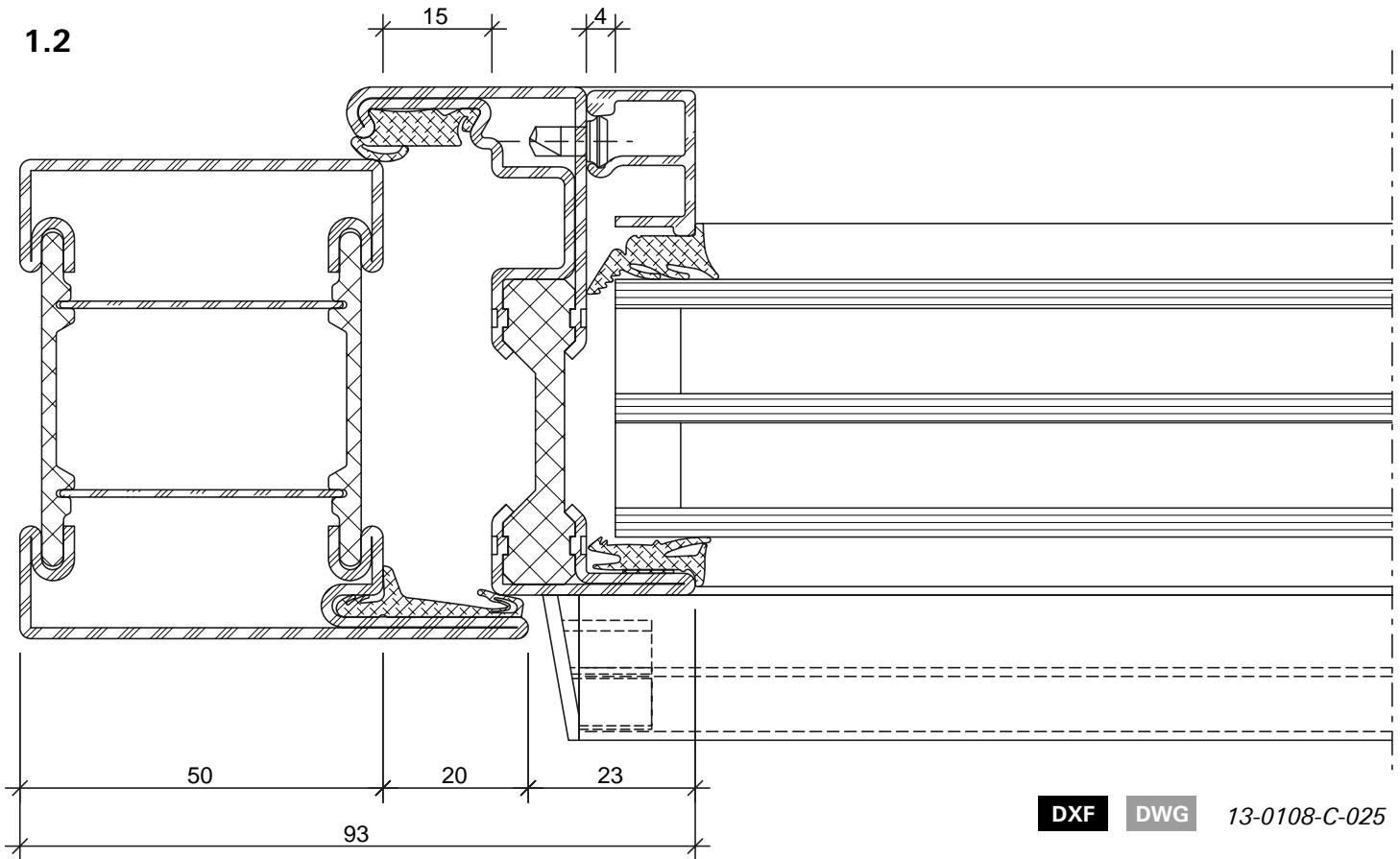
Janisol Arte 66  
Janisol Arte 66  
Janisol Arte 66



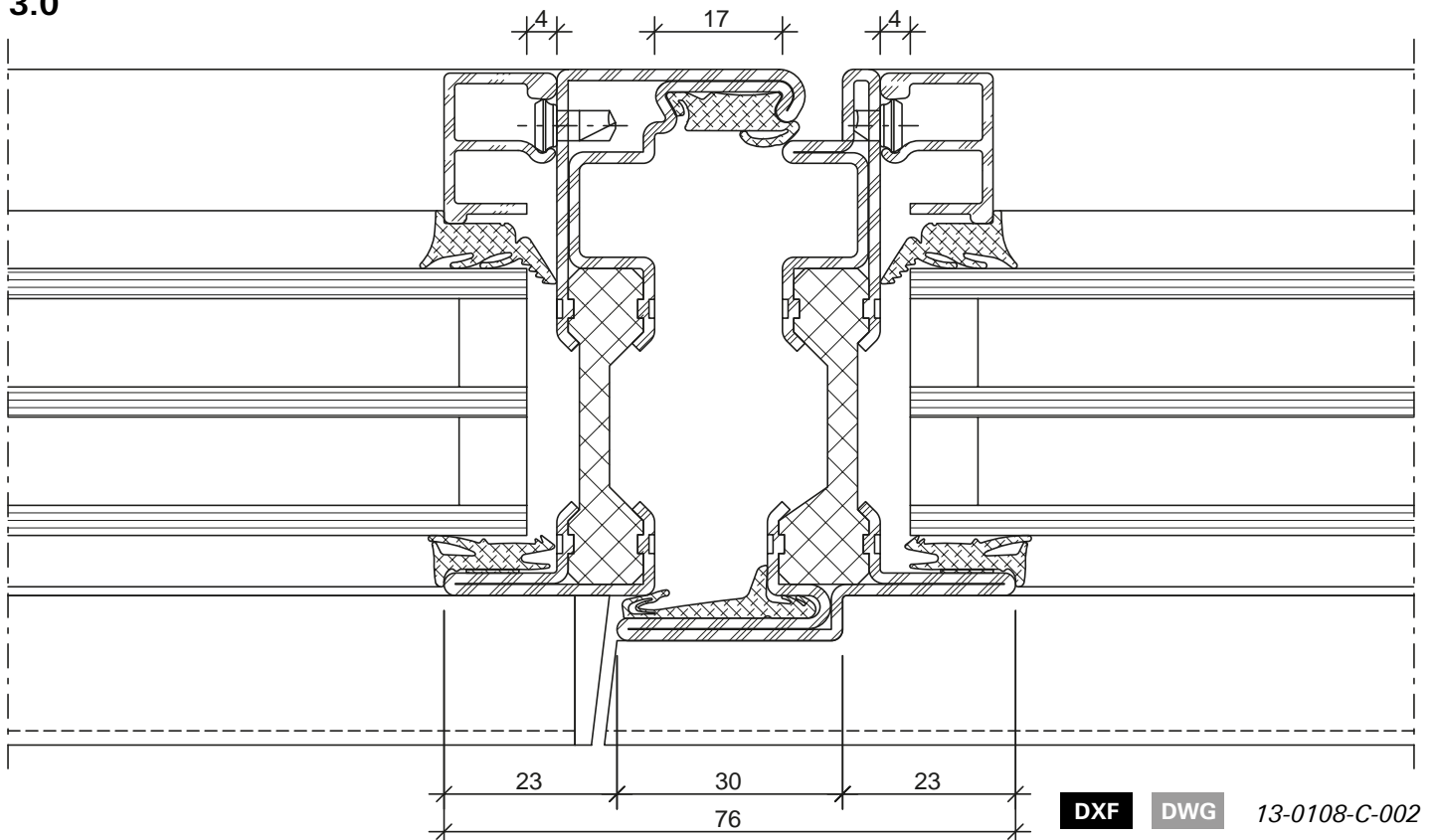
Schnittpunkte nach innen öffnend im Massstab 1:1  
Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1  
Section details opening inwards on scale 1:1

Janisol Arte 66  
Janisol Arte 66  
Janisol Arte 66

1.2



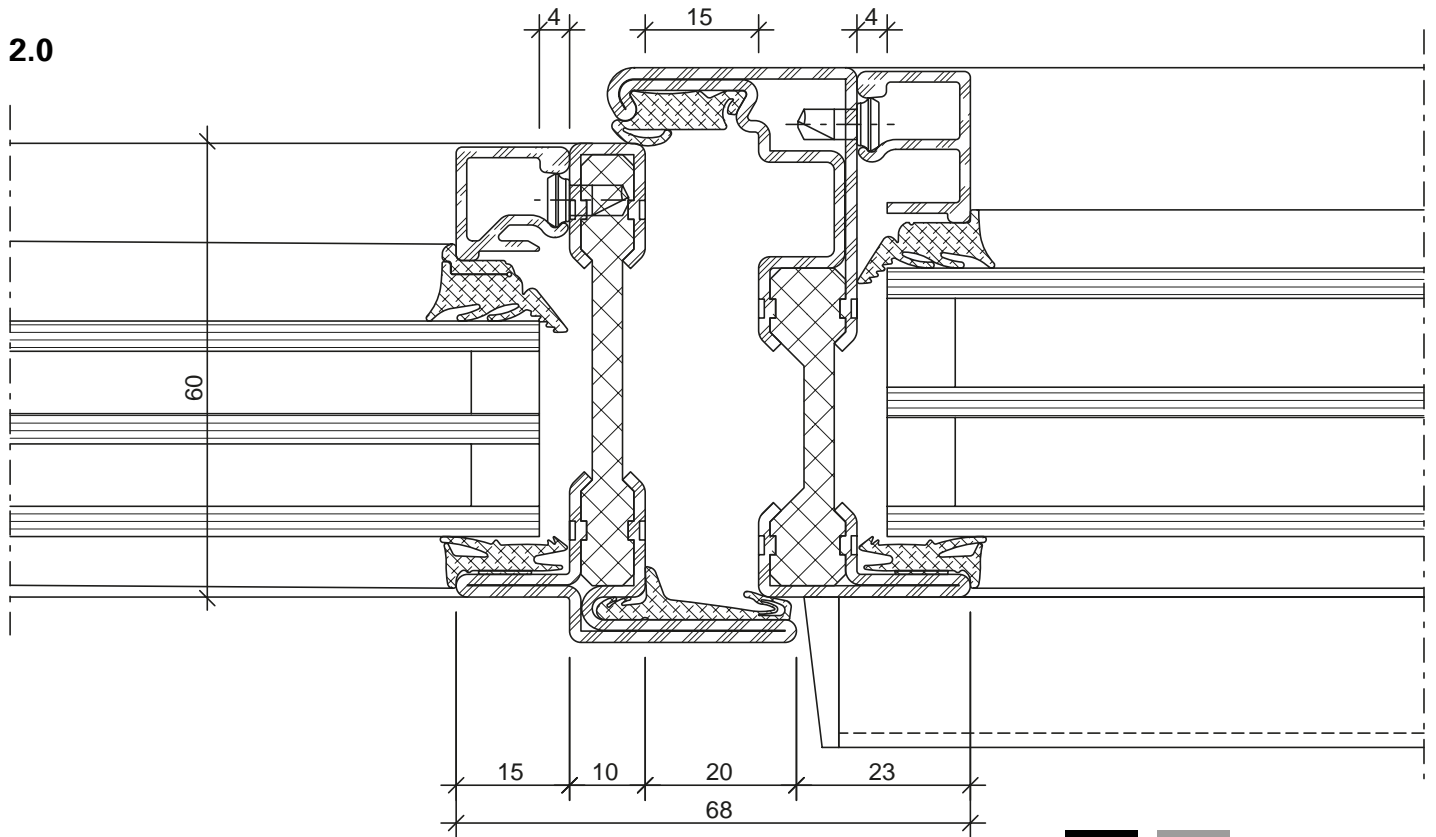
3.0



Schnittpunkte nach innen öffnend im Massstab 1:1  
Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1  
Section details opening inwards on scale 1:1

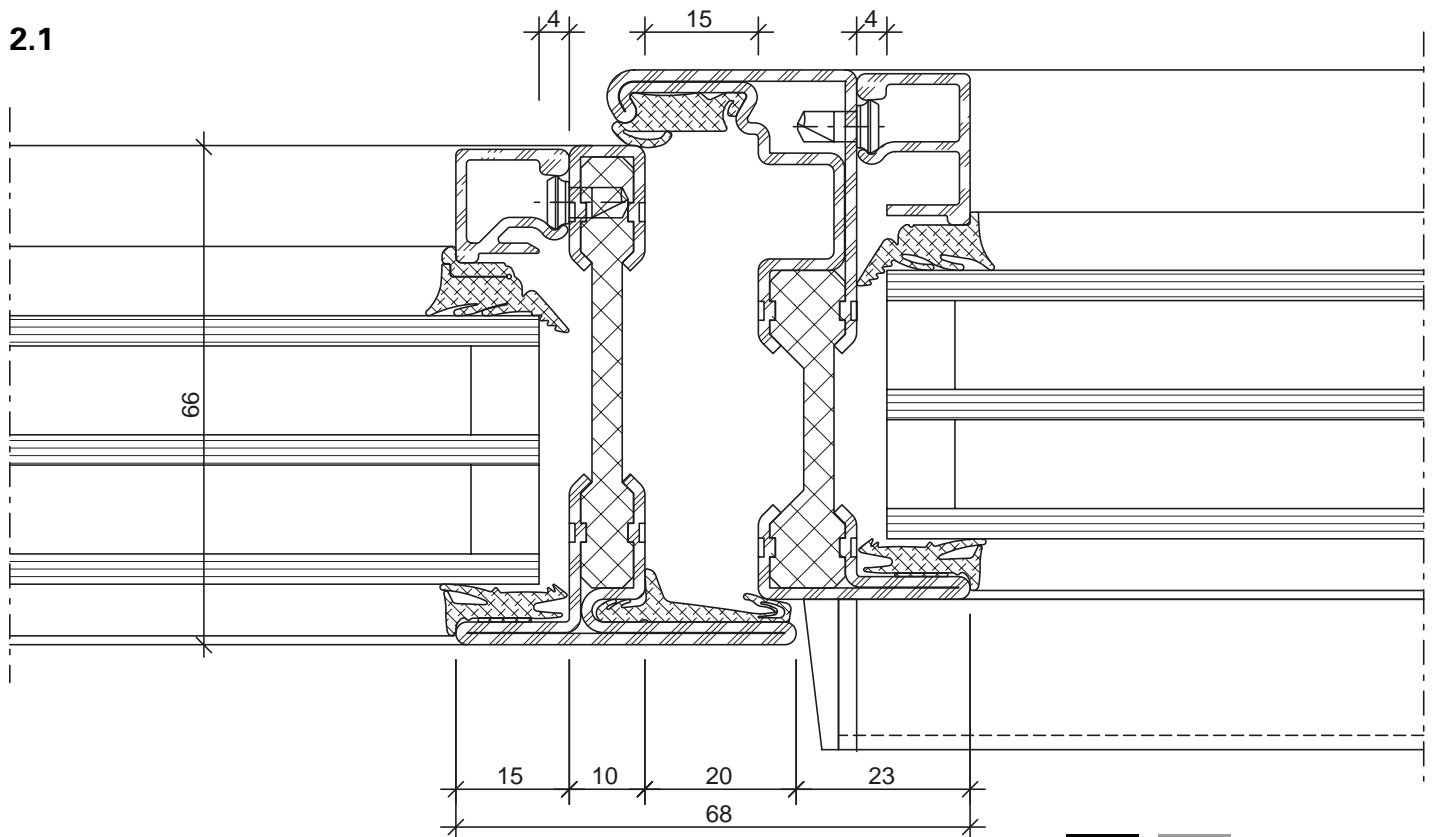
Janisol Arte 66  
Janisol Arte 66  
Janisol Arte 66

2.0



**DXF** **DWG** 13-0108-C-003

2.1



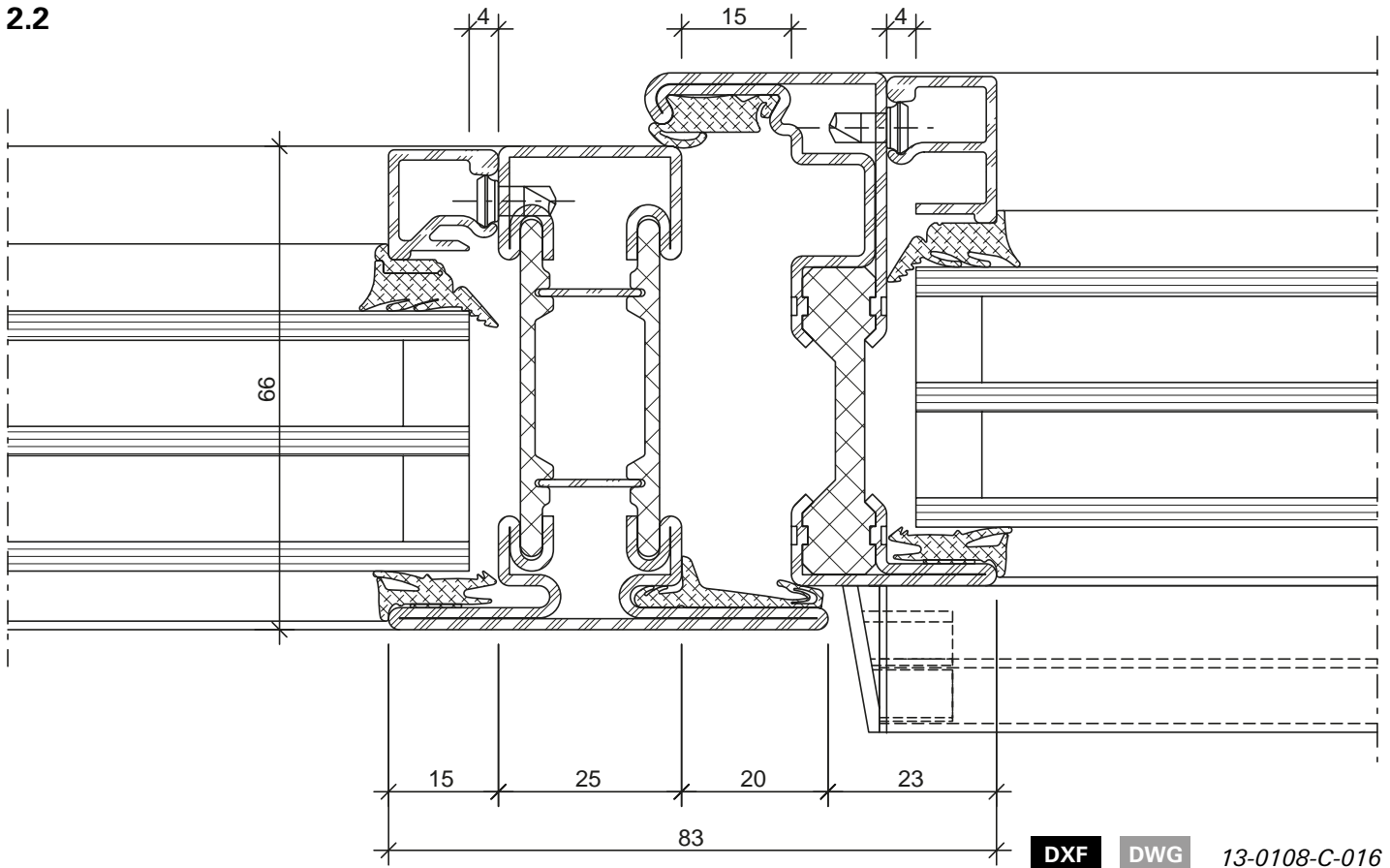
**DXF** **DWG** 13-0108-C-004



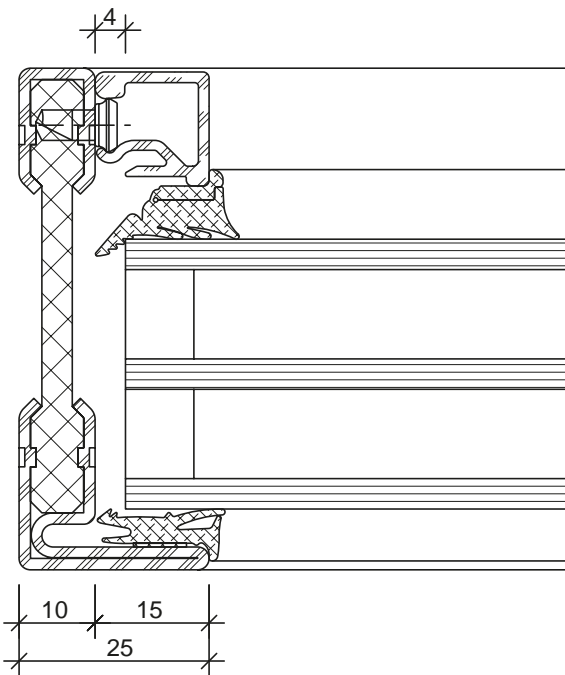
Schnittpunkte nach innen öffnend im Massstab 1:1  
 Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1  
 Section details opening inwards on scale 1:1

Janisol Arte 66  
 Janisol Arte 66  
 Janisol Arte 66

2.2

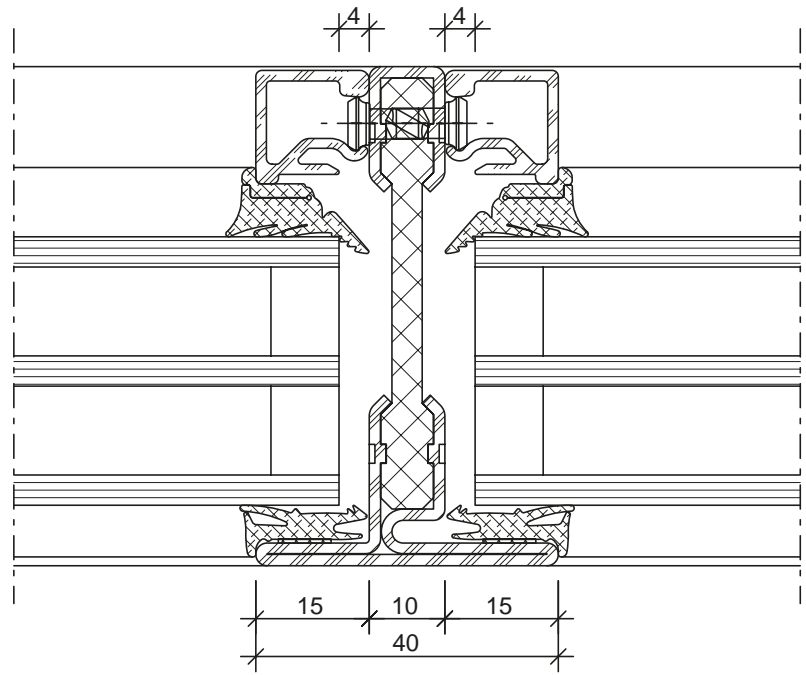


4.0



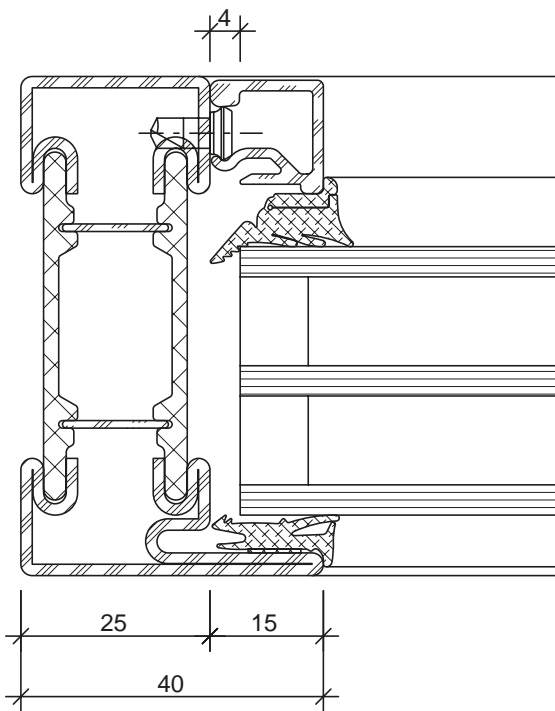
DXF DWG 13-0108-C-006

5.0



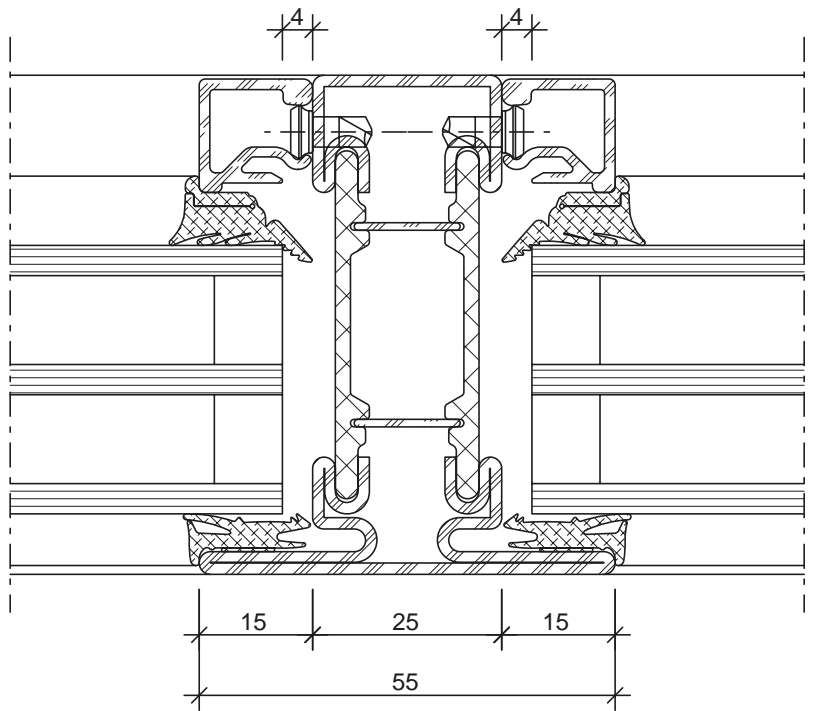
DXF DWG 13-0108-C-007

4.1



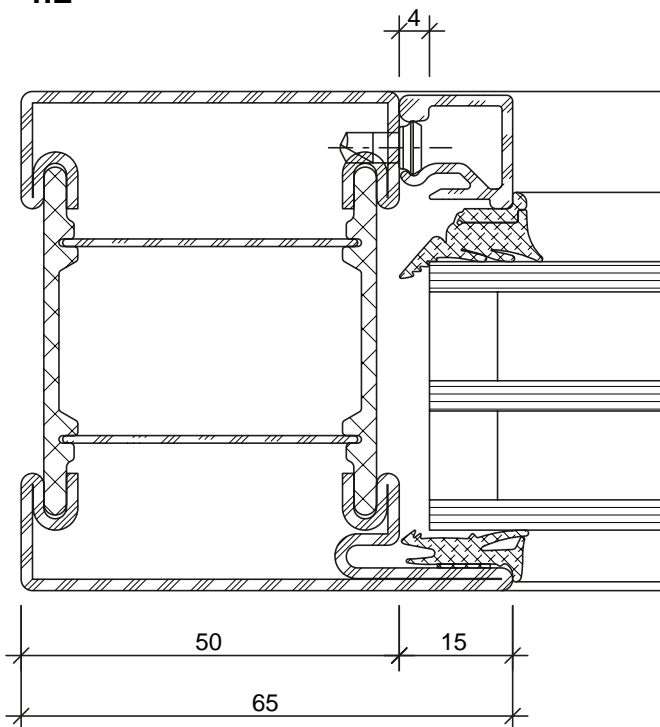
**DXF** **DWG** 13-0108-C-017

5.1



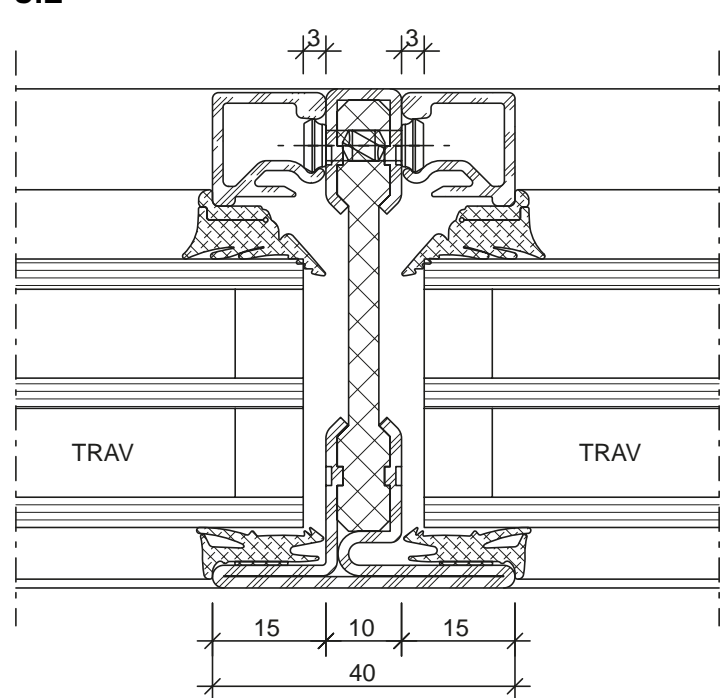
**DXF** **DWG** 13-0108-C-018

4.2



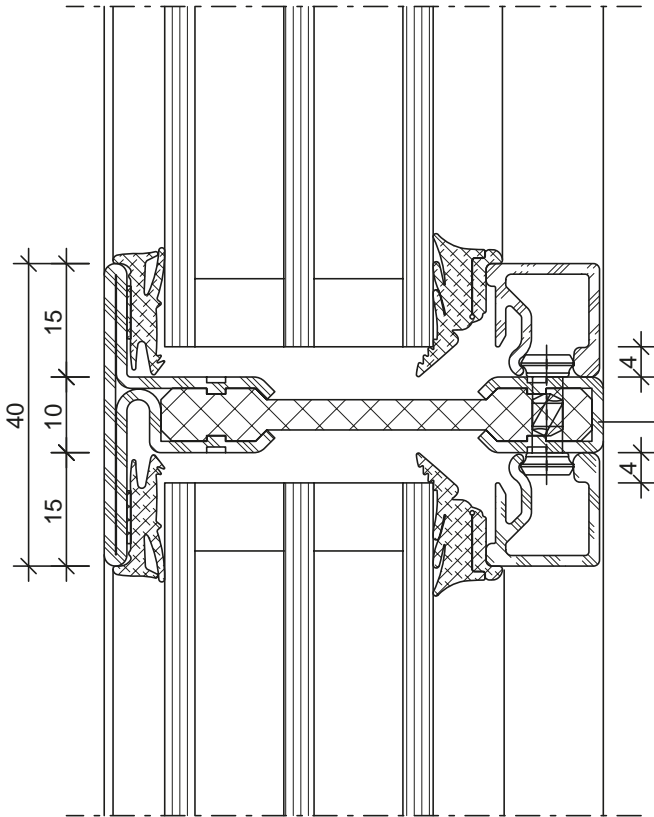
**DXF** **DWG** 13-0108-C-024

5.2



**DXF** **DWG** 13-0108-C-014

6.0

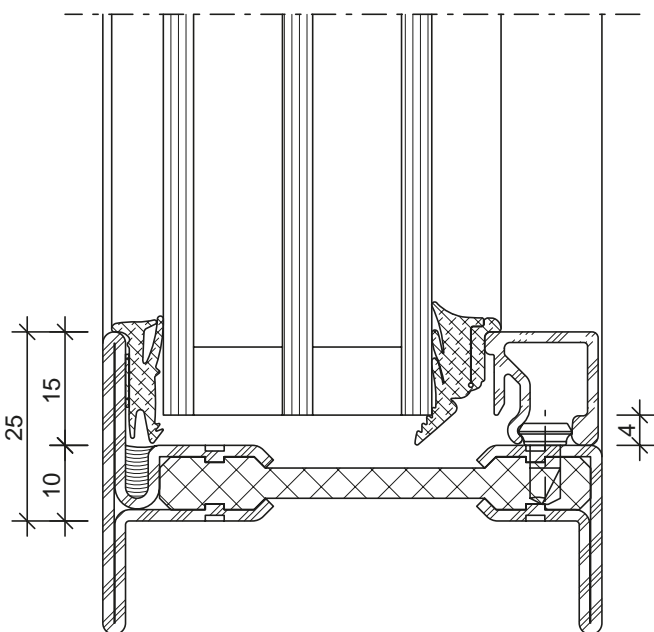


13-0108-C-009

DWG

DXF

4.1



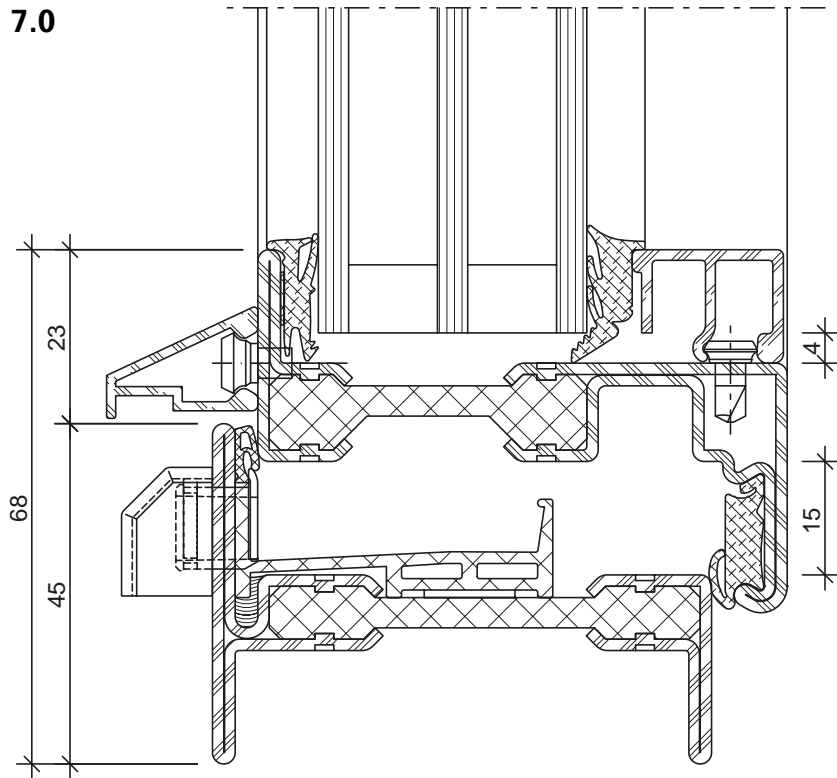
13-0108-C-008

DWG

DXF

Schnittpunkte nach innen öffnend im Massstab 1:1  
Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1  
Section details opening inwards on scale 1:1

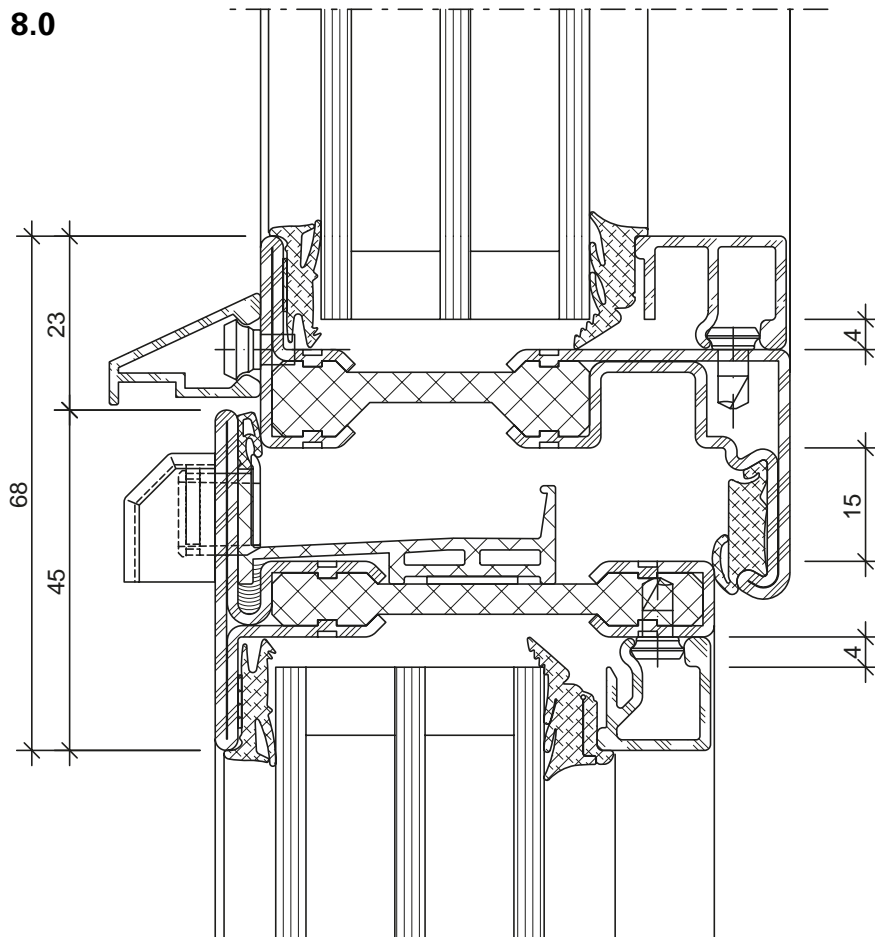
Janisol Arte 66  
Janisol Arte 66  
Janisol Arte 66



13-0108-C-010

DWG

DXF

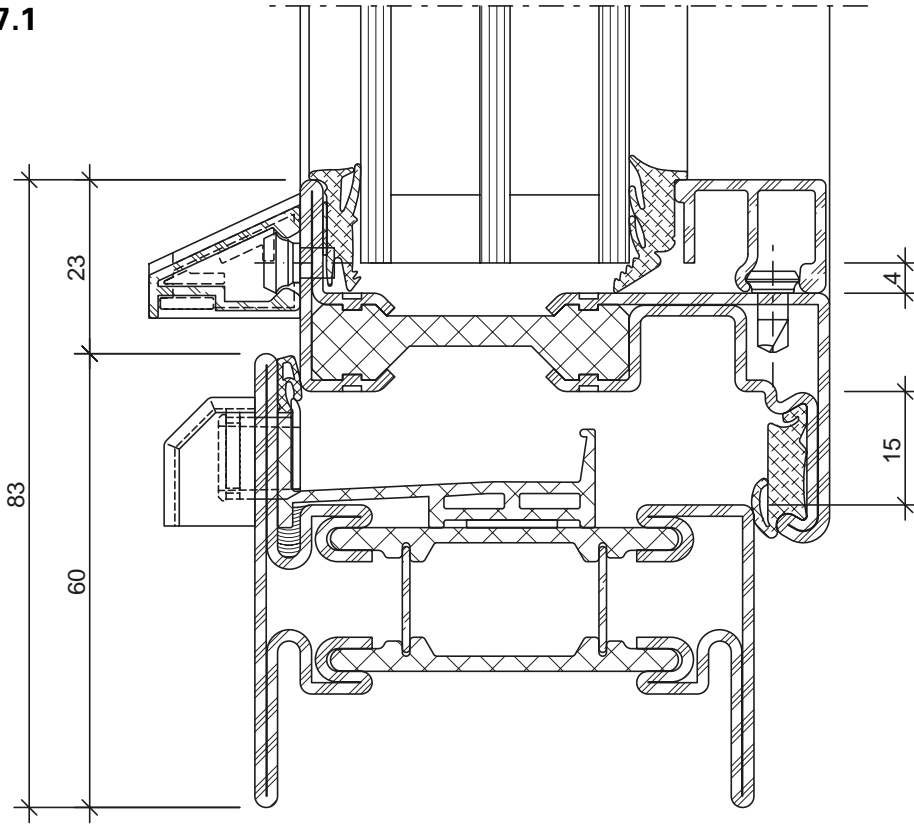


13-0108-C-013

DWG

DXF

7.1

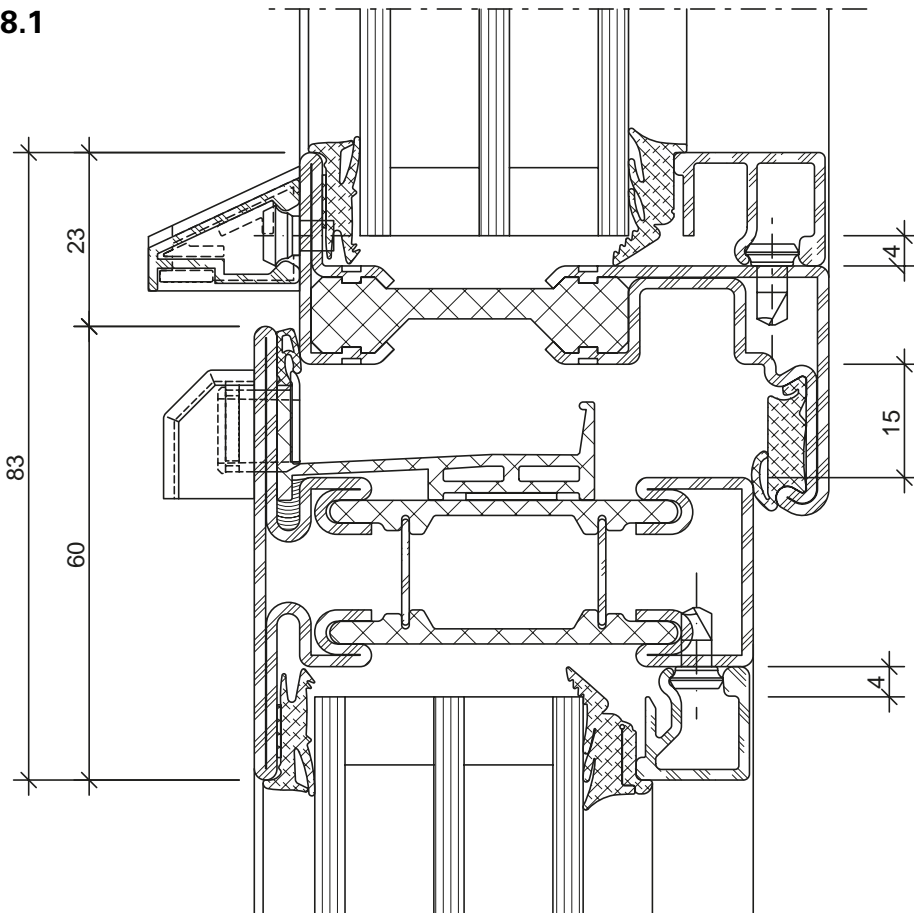


13-0108-C-019

DWG

DXF

8.1



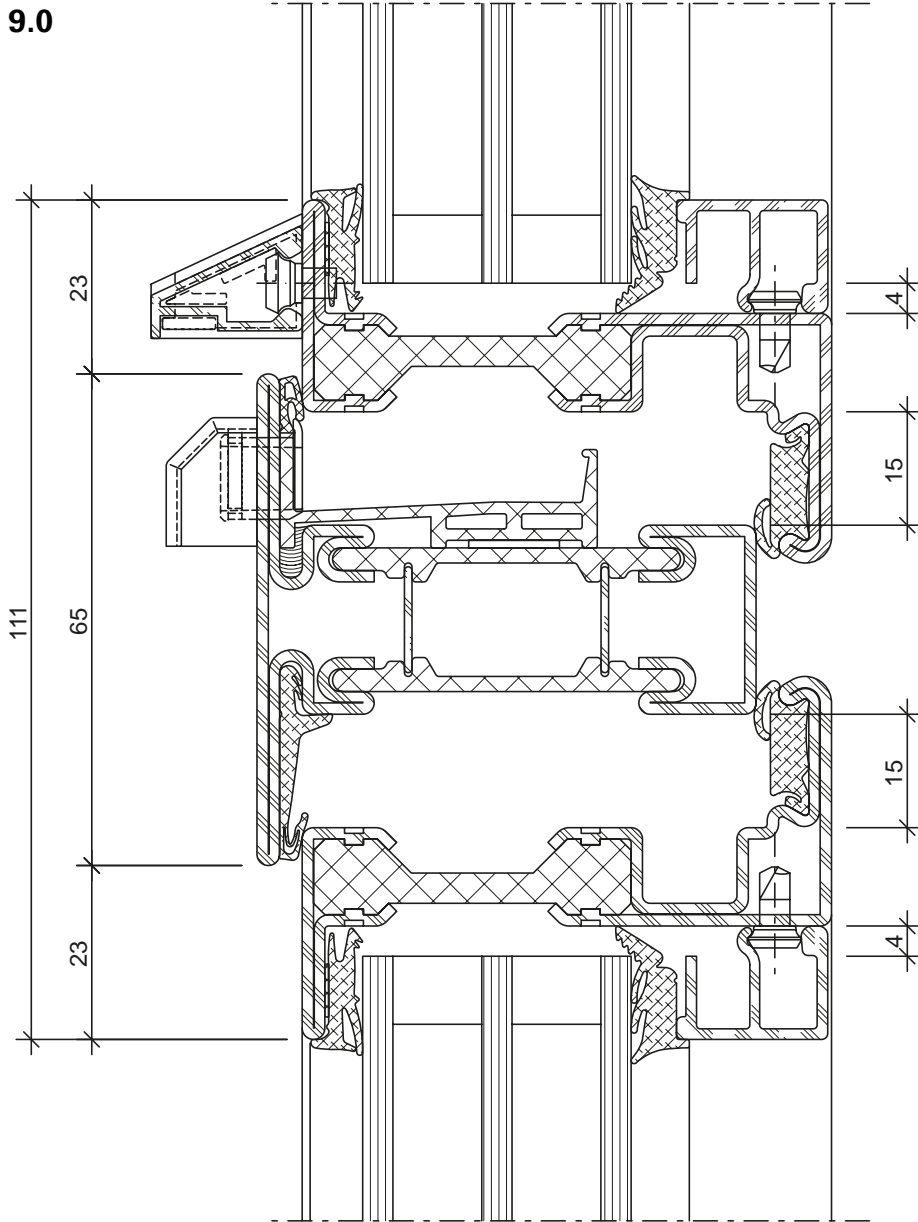
13-0108-C-021

DWG

DXF

Schnittpunkte nach innen öffnend im Massstab 1:1  
Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1  
Section details opening inwards on scale 1:1

Janisol Arte 66  
Janisol Arte 66  
Janisol Arte 66



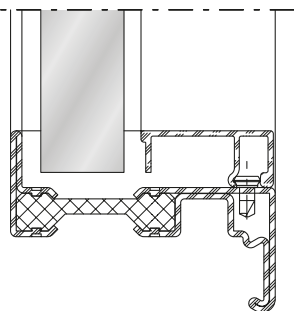
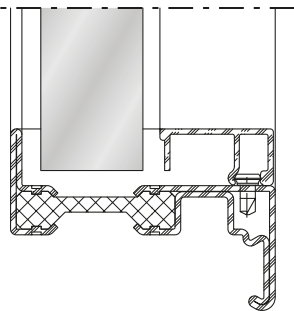
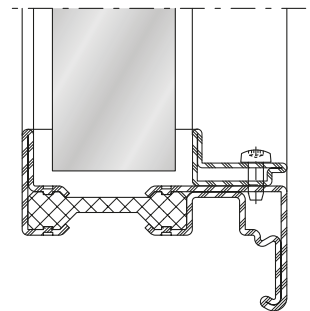
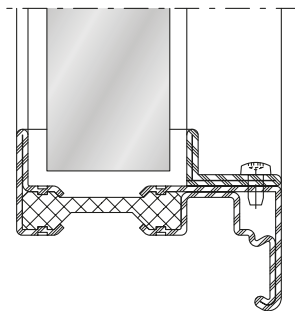
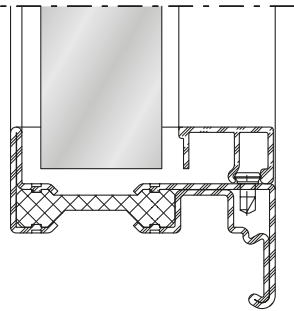
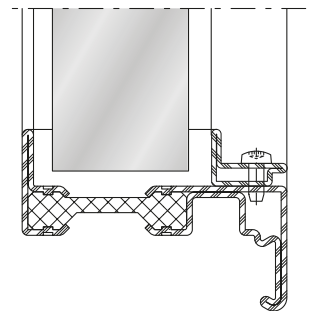
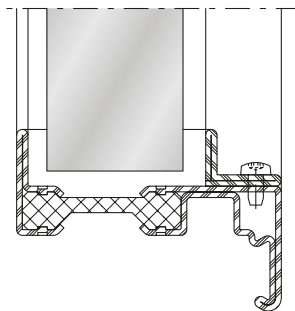
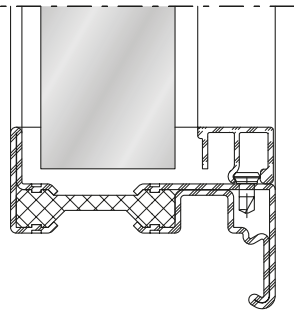
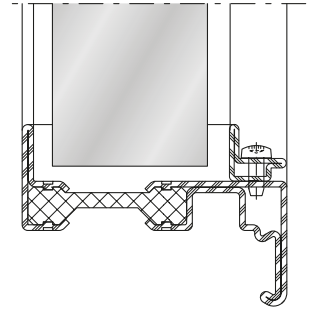
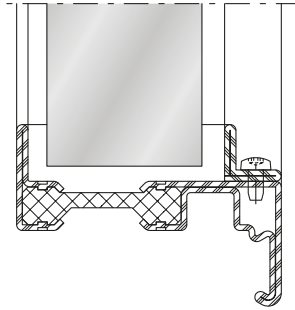
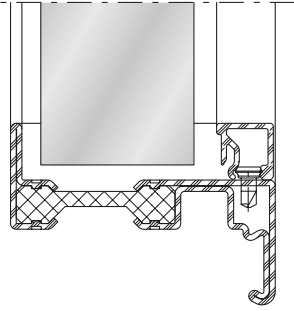
13-0108-C-020

DWG

DXF

Aluminium

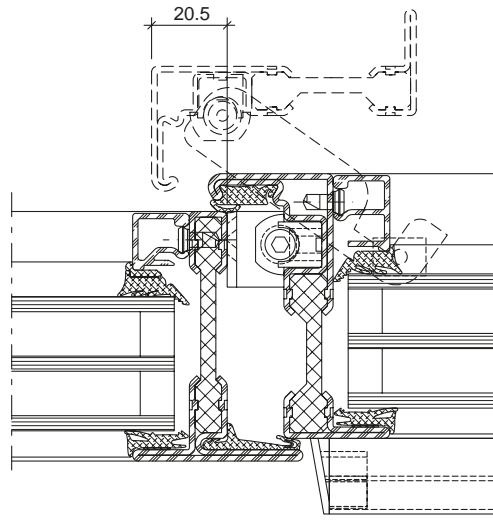
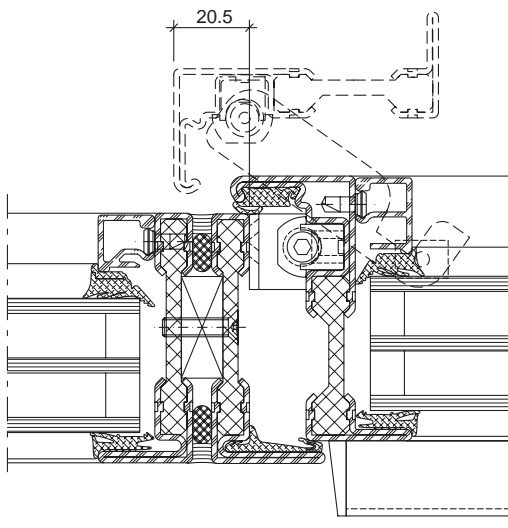
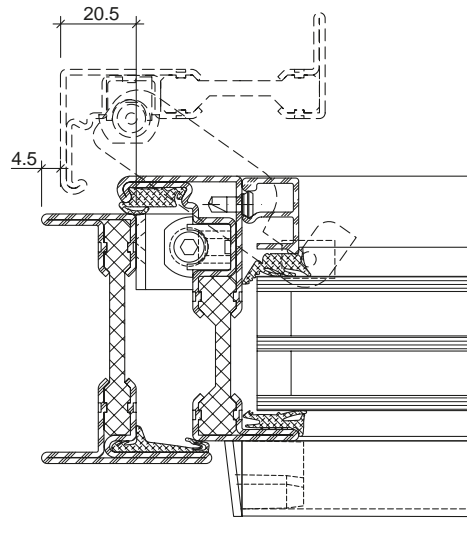
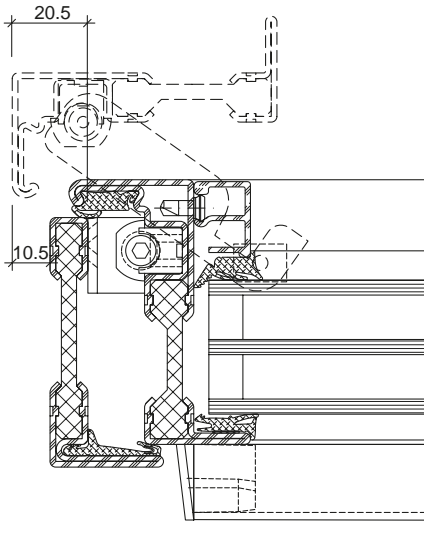
Stahl / Acier / Steel



Platzbedarf  
Verdeckt liegender Fensterbeschlag

Espace nécessaire  
Ferrure de fenêtre non apparente

Space required  
Concealed window fitting

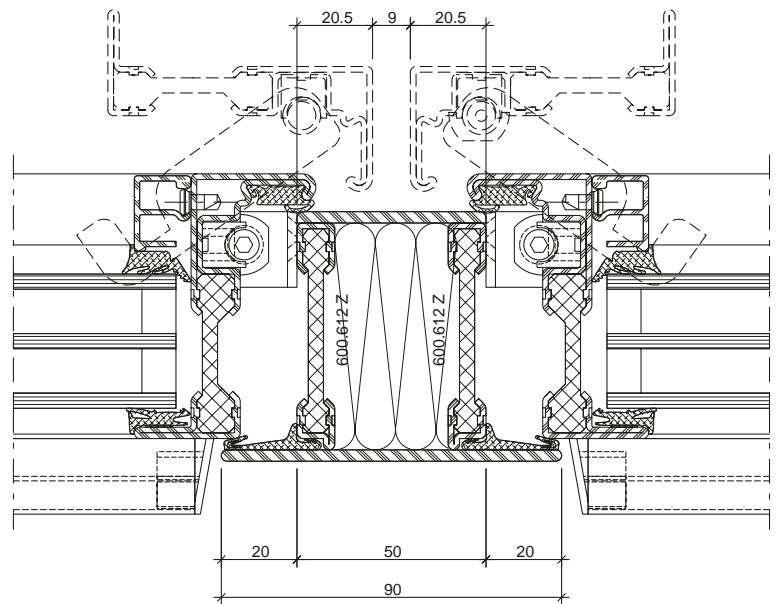
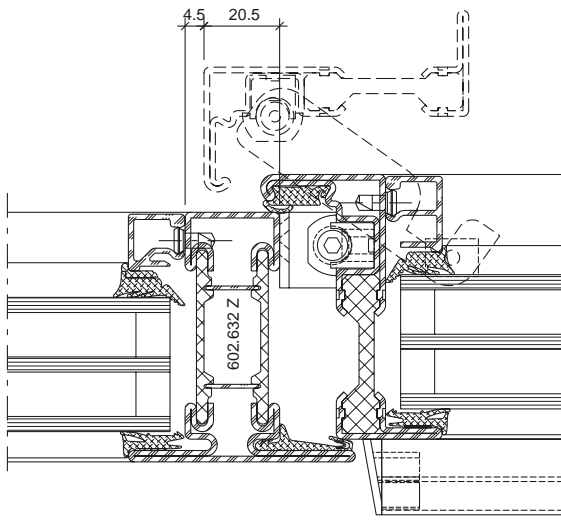
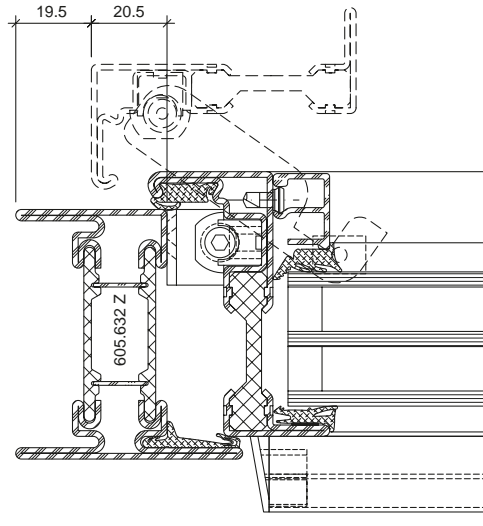
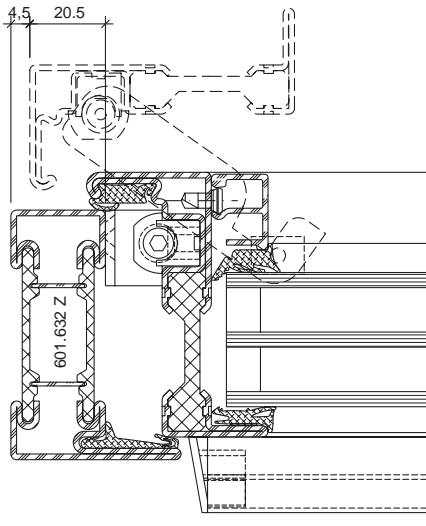




Platzbedarf  
Verdeckt liegender Fensterbeschlag

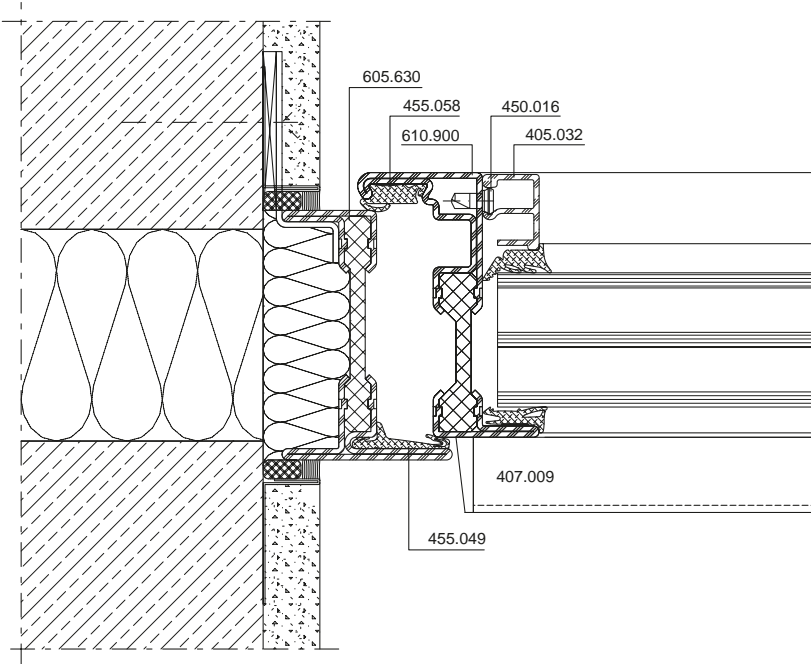
Espace nécessaire  
Ferrure de fenêtre non apparente

Space required  
Concealed window fitting



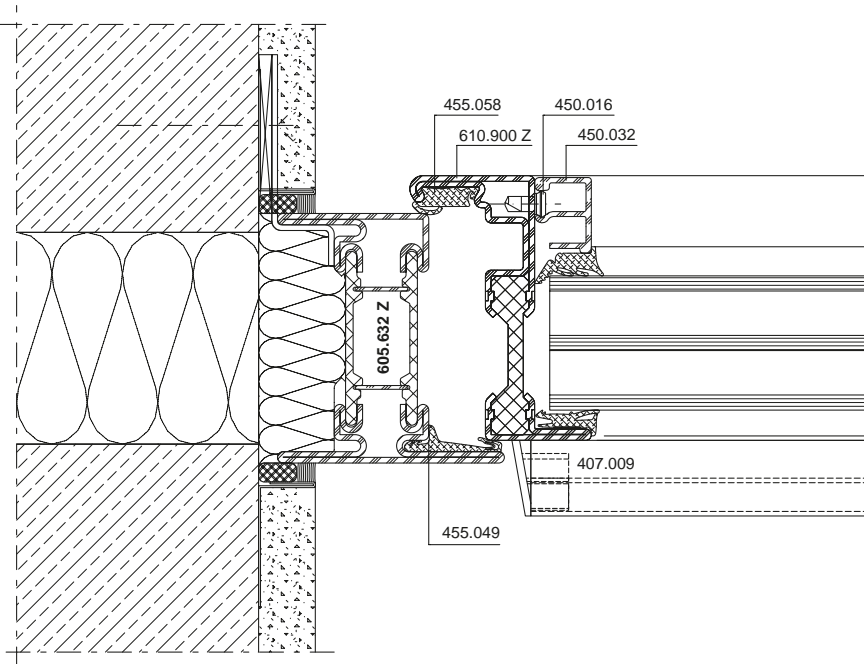
Anschlüsse am Bau im Masstab 1:2  
Raccords au mur à l'échelle 1:2  
Attachment to structure on scale 1:2

Janisol Arte 66  
Janisol Arte 66  
Janisol Arte 66



Bandseite ungeeignet (siehe Seite A-36-25)  
Côté paumelle inadapté (voir page A-36-25)  
Unsuitable hinge side (see page A-36-25)

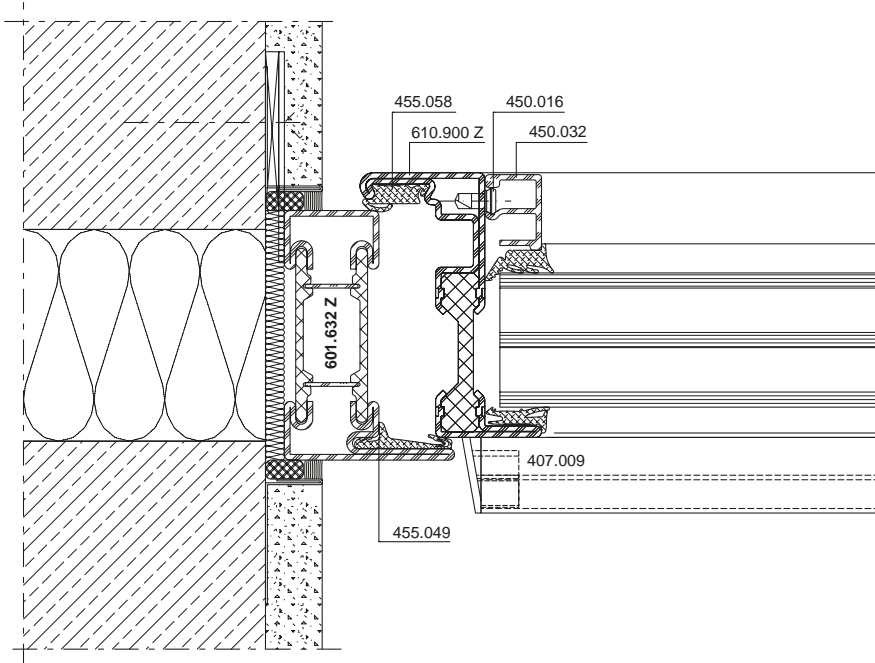
DXF DWG 13-0108-A-001



DXF DWG 13-0108-A-005

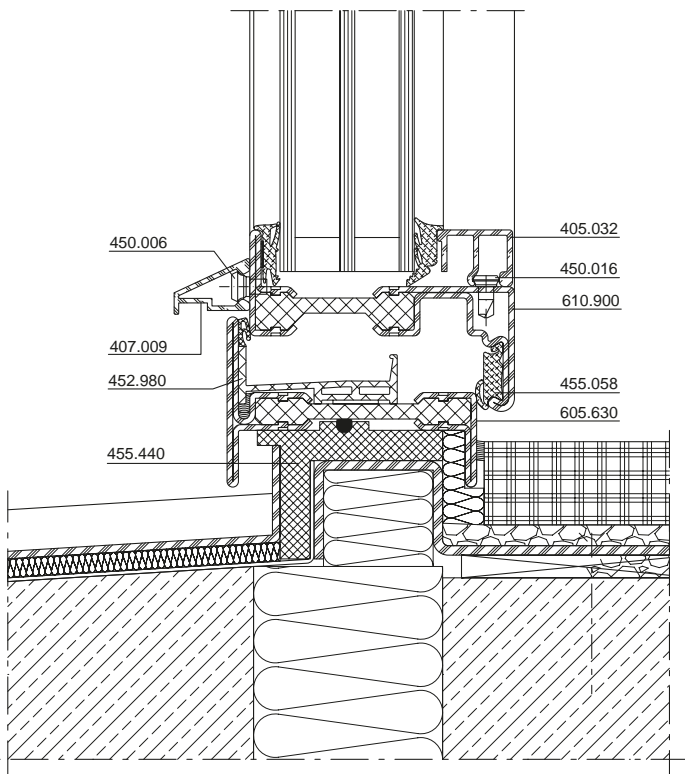
**Anschlüsse am Bau im Massstab 1:2**  
**Raccords au mur à l'échelle 1:2**  
**Attachment to structure on scale 1:2**

Janisol Arte 66  
Janisol Arte 66  
Janisol Arte 66

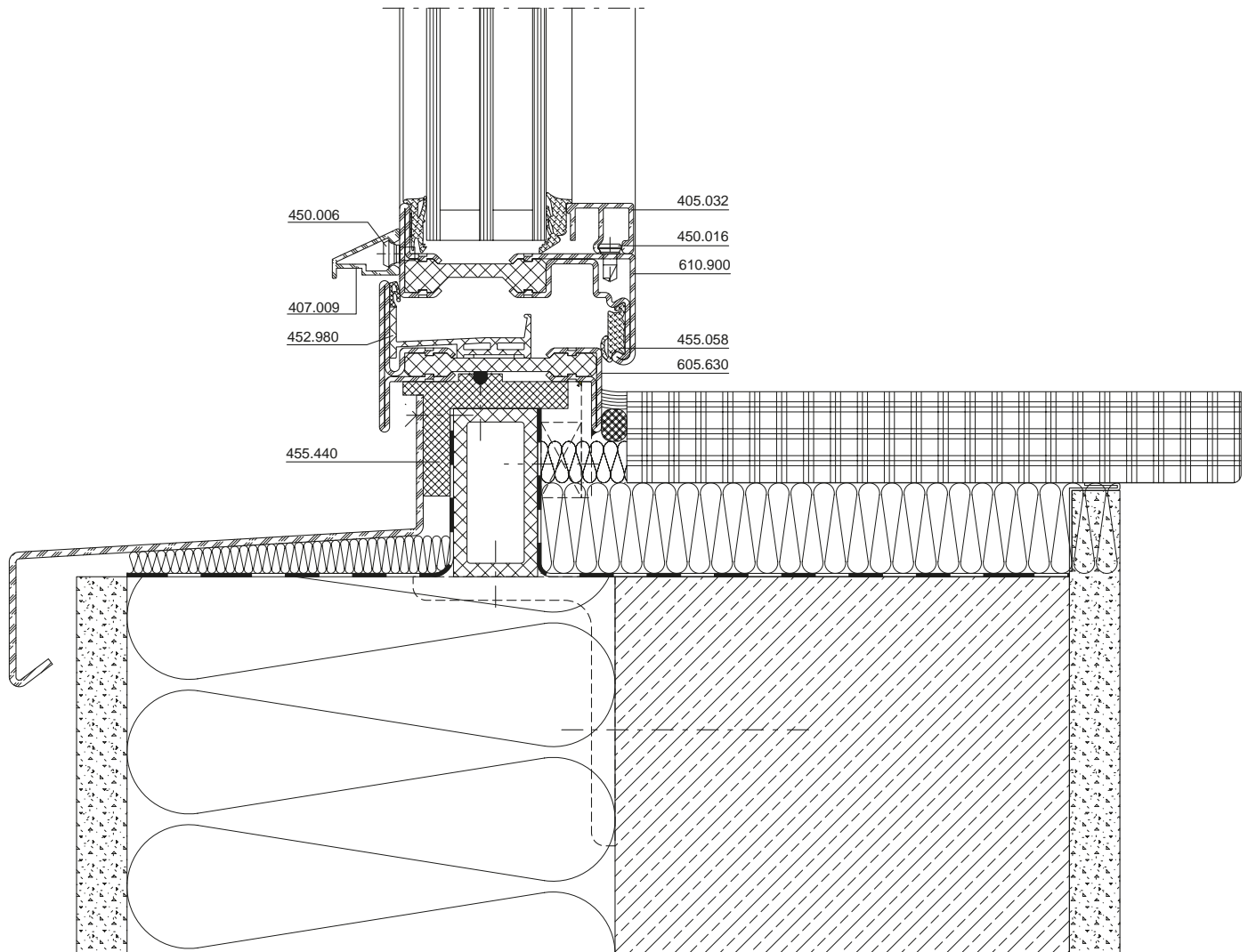


Bandseite ungeeignet (siehe Seite A-36-25)  
Côté paumelle inadapté (voir page A-36-25)  
Unsuitable hinge side (see page A-36-25)

**DXF** **DWG** 13-0108-A-006



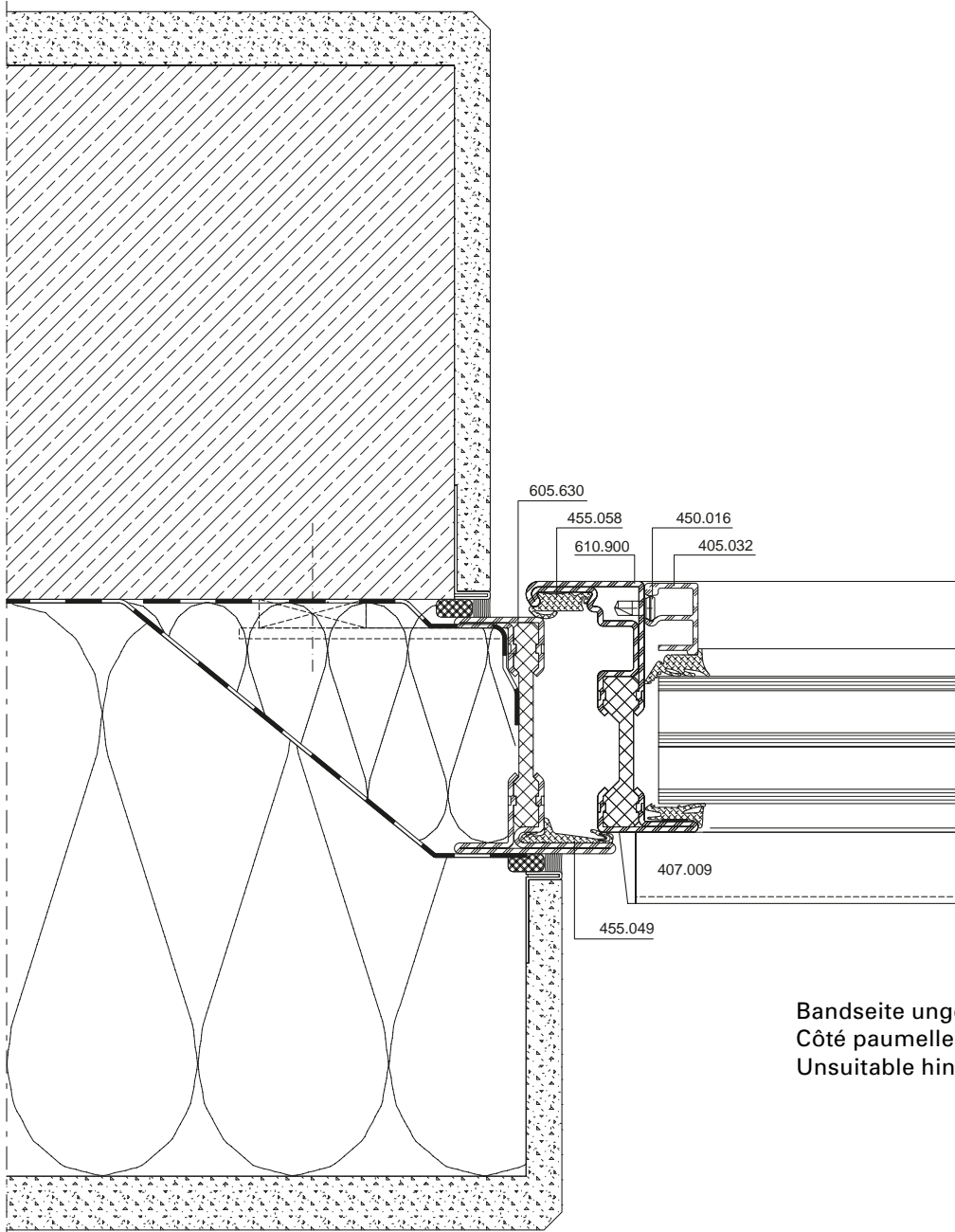
**DXF** **DWG** 13-0108-A-002



DXF

DWG

13-0108-A-003



Bandseite ungeeignet (siehe Seite A-36-25)  
Côté paumelle inadapté (voir page A-36-25)  
Unsuitable hinge side (see page A-36-25)

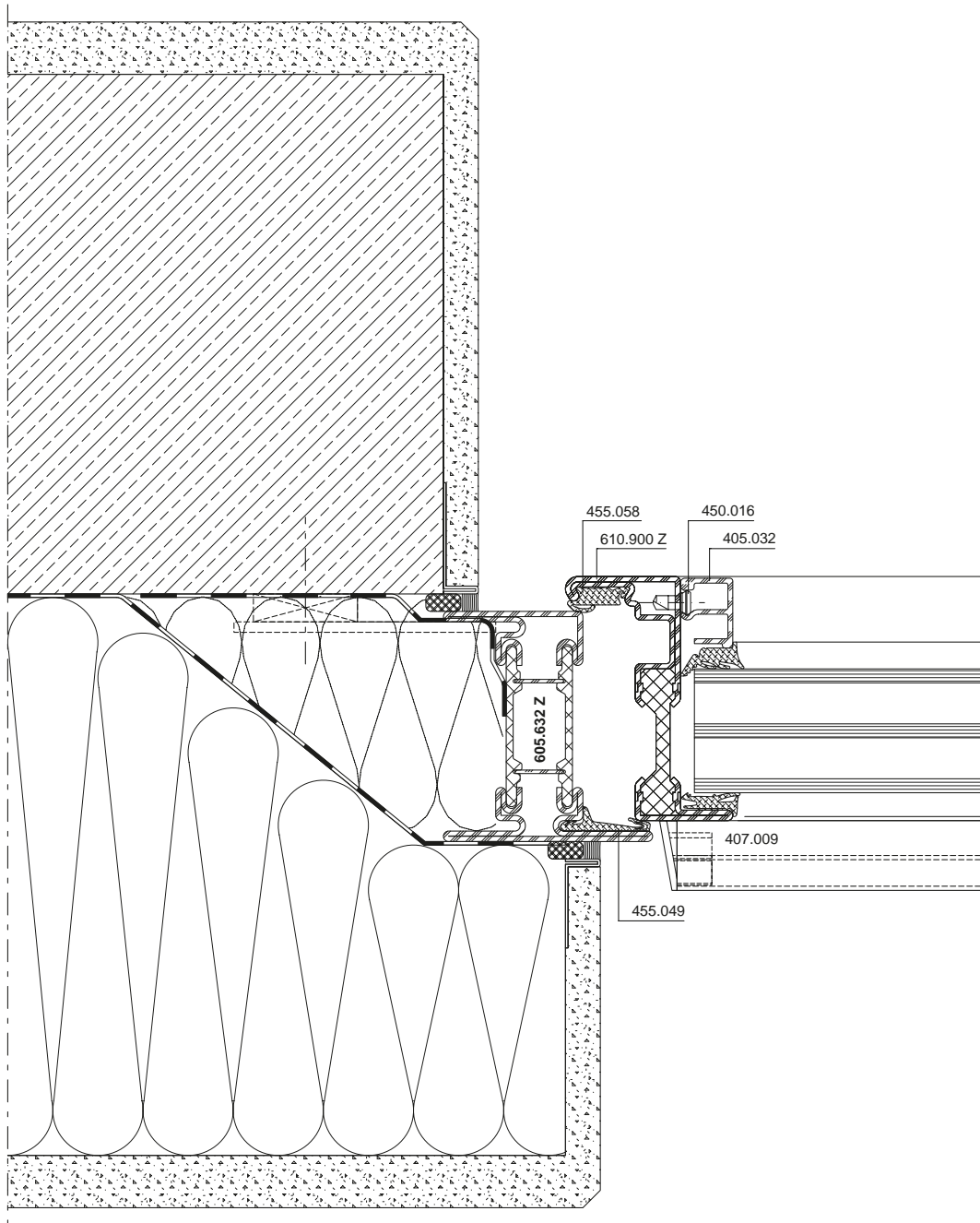
DXF

DWG

13-0108-A-004

Anschlüsse am Bau im Masstab 1:2  
Raccords au mur à l'échelle 1:2  
Attachment to structure on scale 1:2

Janisol Arte 66  
Janisol Arte 66  
Janisol Arte 66



DXF

DWG

13-0108-A-007

Leistungswerte

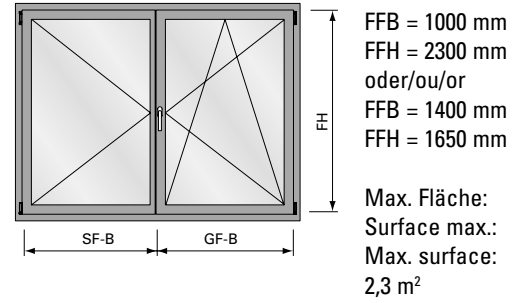
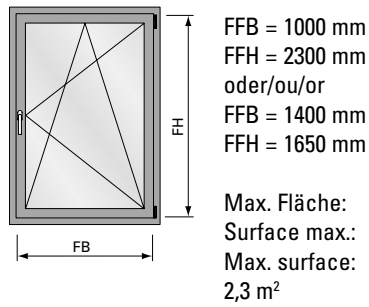
Caractéristiques de performances







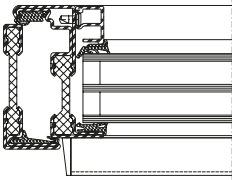
Performance values







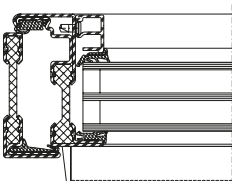
Schlagregendichtheit  
 Luftdurchlässigkeit  
 Widerstand bei Windlast

Etanchéité à la pluie battante  
 Perméabilité à l'air  
 Résistance à la pression du vent

Watertightness  
 Air permeability  
 Resistance to wind load



	 EN 12208	 EN 12207	 EN 12210	 EN 12208	 EN 12207	 EN 12210
bis / jusqu'à / up to FFH 1650 mm 	Klasse 9A Classe 9A Class 9A	Klasse 4 Classe 4 Class 4	Klasse C5/B5 Classe C5/B5 Class C5/B5	Klasse 7A Classe 7A Class 7A	Klasse 4 Classe 4 Class 4	Klasse C4/B4 Classe C4/B4 Class C4/B4
Größenänderungen Variations dimensionnelles Size changes	-100%	-100%	-100%	-100%	-100%	-100%

	 EN 12208	 EN 12207	 EN 12210	 EN 12208	 EN 12207	 EN 12210
bis / jusqu'à / up to FFH 2300 mm bis / jusqu'à / up to FFB 1000 mm 	Klasse 8A Classe 8A Class 8A	Klasse 4 Classe 4 Class 4	Klasse C5/B5 Classe C5/B5 Class C5/B5	Klasse 7A Classe 7A Class 7A	Klasse 4 Classe 4 Class 4	Klasse C4/B4 Classe C4/B4 Class C4/B4
Größenänderungen Variations dimensionnelles Size changes	-100%	-100%	-100%	-100%	-100%	-100%

**Leistungseigenschaften nach EN 14351-1**  
**Caractéristiques de performance selon EN 14351-1**  
**Performance characteristics according to EN 14351-1**

Janisol Arte 66  
 Janisol Arte 66  
 Janisol Arte 66

**Leistungswerte**

**Caractéristiques de performances**

**Performance values**

**Schlagregendichtheit**  
**Luftdurchlässigkeit**  
**Widerstand bei Windlast**

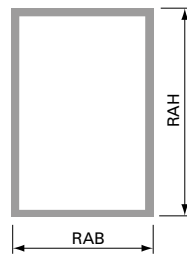
**Étanchéité à la pluie battante**  
**Perméabilité à l'air**  
**Résistance à la pression du vent**




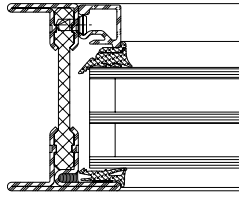
**Watertightness**  
**Air permeability**  
**Resistance to wind load**

**Festverglasung**

**Vitrage fixe**

**Fixed glazing**



	 <b>EN 12208</b>	 <b>EN 12207</b>	 <b>EN 12210</b>
<b>RABxRAH 1230x1480 mm</b> 	Klasse 9A Classe 9A Class 9A	Klasse 4 Classe 4 Class 4	Klasse C5/B5 Classe C5/B5 Class C5/B5



**Leistungswerte**

**Caractéristiques de performances**

**Performance values**

**Schlagregendichtheit**  
**Luftdurchlässigkeit**  
**Widerstand bei Windlast**

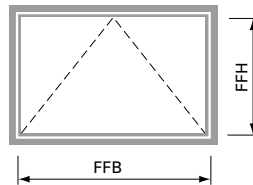
**Etanchéité à la pluie battante**  
**Perméabilité à l'air**  
**Résistance à la pression du vent**

**Watertightness**  
**Air permeability**  
**Resistance to wind load**

**Kippfenster**

**Fenêtre à sofflet**




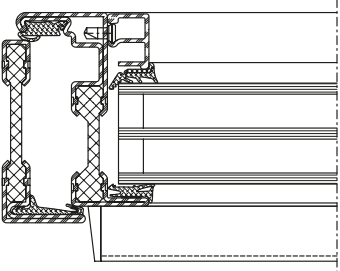
**Bottom-hung window**



FFB = 2300 mm  
 FFH = 2300 mm

in Abhängigkeit des Verriegelungsabstandes  
 en fonction de l'écart de verrouillage  
 depending on the distance between locking points

Max. Fläche:  
 Surface max.:  
 Max. surface:  
 2,3 m<sup>2</sup>

	 EN 12208	 EN 12207	 EN 12210
Beschlag/Ferrure/Fitting 	Klasse 8A Classe 8A Class 8A	Klasse 4 Classe 4 Class 4	Klasse C5/B5 Classe C5/B5 Class C5/B5
Schnäpper 557.099 Loqueteau 557.099 Spring catch 557.099	Klasse 8A Classe 8A Class 8A	Klasse 4 Classe 4 Class 4	Klasse C3/B3 Classe C3/B3 Class C3/B3
Oberlichtöffner 550.651 Ferrure d'imposte 550.651 Top light opener 550.651	Klasse 8A Classe 8A Class 8A	Klasse 3 Classe 3 Class 3	Klasse C3/B3 Classe C3/B3 Class C3/B3
Kettenantrieb 550.697 Entraînement à chaîne 550.697 Chain drive 550.697	Klasse 8A Classe 8A Class 8A	Klasse 4 Classe 4 Class 4	Klasse C3/B3 Classe C3/B3 Class C3/B3

**U<sub>f</sub>-Werte**  
(nach EN ISO 10077-2:2018-01)

Auf den folgenden Seiten finden Sie die U<sub>f</sub>-Werte für die verschiedenen Anwendungen von Janisol Arte 2.0.

Sie basieren auf folgenden Grundlagen:

- Profile bandverzinkter Stahl, unbeschichtet
- Aluminium-Glasleisten
- Nassverglasung

**Valeurs U<sub>f</sub>**  
(selon EN ISO 10077-2:2018-01)

Vous trouverez les valeurs U<sub>f</sub> pour les différentes applications Janisol Arte 2.0 dans les pages qui suivent.

Elles se basent sur les principes suivants:

- Profilés en bande d'acier zingué, sans revêtement
- Parcloles en aluminium
- Vitrage à mastic

**U<sub>f</sub> values**  
(according to EN ISO 10077-2:2018-01)

On the following pages you will find the U<sub>f</sub> values for the various applications for Janisol Arte 2.0.

They are based on the following:

- Strip galvanised steel profiles, uncoated
- Aluminium glazing beads
- Glazing with sealing

Janisol Arte Stahl  
Zweifach-Isolierglas

Janisol Arte acier  
Double verre isolant

Janisol Arte steel  
Double insulating glazing

Janisol Arte Stahl  
Dreifach-Isolierglas

Janisol Arte acier  
Triple verre isolant

Janisol Arte steel  
Triple insulating glazing

Janisol Arte Stahl  
optimiert  
Zweifach-Isolierglas

Janisol Arte acier  
optimisé  
Double verre isolant

Janisol Arte steel  
optimised  
Double insulating glazing

Janisol Arte Stahl  
optimiert  
Dreifach-Isolierglas

Janisol Arte acier  
optimisé  
Triple verre isolant

Janisol Arte steel  
optimised  
Triple insulating glazing

**Janisol Arte Stahl**  
**Zweifach-Isolierglas**


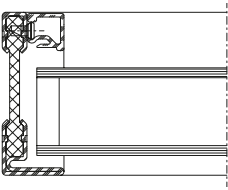
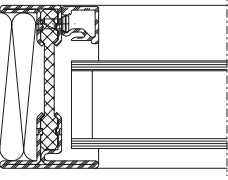
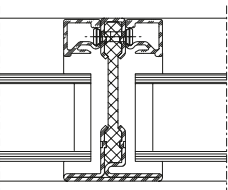
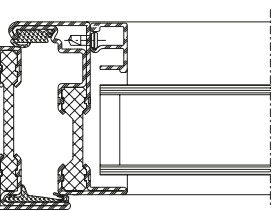
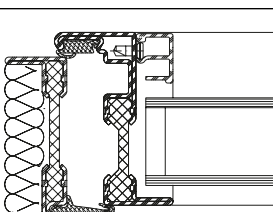
Festverglasungen und  
 Fenster nach innen öffnend

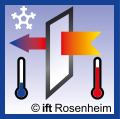
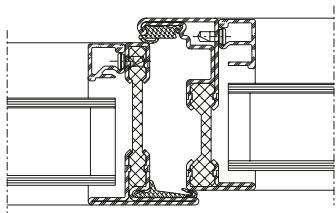
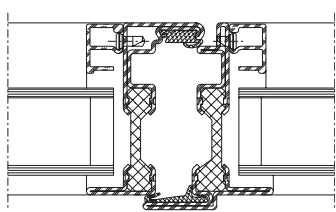
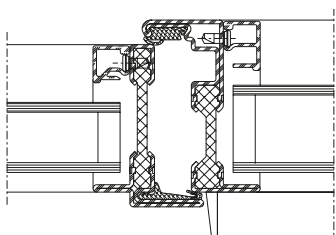
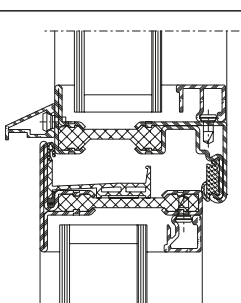
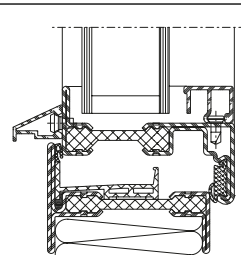
**Janisol Arte acier**  
**Double verre isolant**

Vitrages fixes et fenêtres  
 ouvrant vers l'intérieur

**Janisol Arte steel**  
**Double insulating glazing**

Fixed lights and  
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 24 mm	≥ 28 mm
	2,9 W/m²K	2,6 W/m²K
	2,2 W/m²K	2,0 W/m²K
	2,8 W/m²K	2,5 W/m²K
	3,3 W/m²K	3,2 W/m²K
	2,8 W/m²K	2,8 W/m²K

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 24 mm	≥ 28 mm
	3,3 W/m²K	3,2 W/m²K
	3,3 W/m²K	3,2 W/m²K
	3,2 W/m²K	3,1 W/m²K
	3,2 W/m²K	3,1 W/m²K
	2,8 W/m²K	2,8 W/m²K

**Janisol Arte Stahl**  
**Zweifach-Isolierglas**

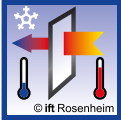
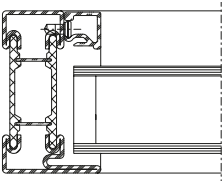
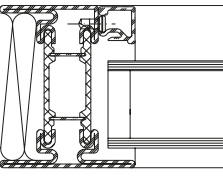
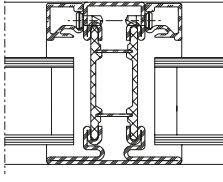
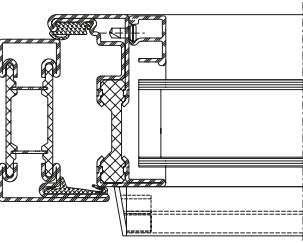
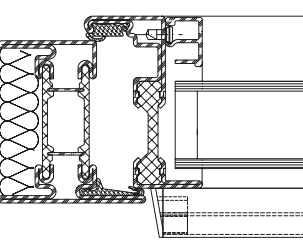
Festverglasungen und  
 Fenster nach innen öffnend


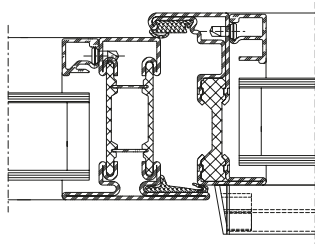
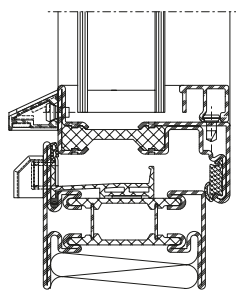
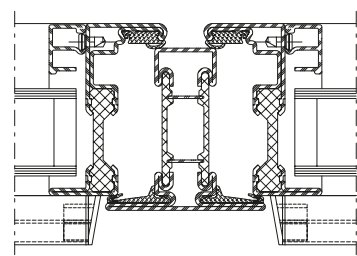
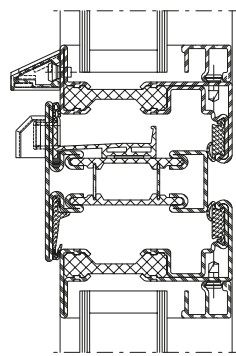
**Janisol Arte acier**  
**Double verre isolant**

Vitrages fixes et fenêtres  
 ouvrant vers l'intérieur

**Janisol Arte steel**  
**Double insulating glazing**

Fixed lights and  
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 24 mm	≥ 28 mm
	2,1 W/m²K	2,0 W/m²K
	1,7 W/m²K	1,6 W/m²K
	2,2 W/m²K	2,0 W/m²K
	2,8 W/m²K	2,8 W/m²K
	2,5 W/m²K	2,5 W/m²K

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 24 mm	≥ 28 mm
	2,8 W/m²K	2,7 W/m²K
	2,4 W/m²K	2,4 W/m²K
	2,9 W/m²K	2,9 W/m²K
	3,0 W/m²K	3,0 W/m²K

**Janisol Arte Stahl**  
**Dreifach-Isolierglas**

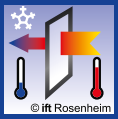
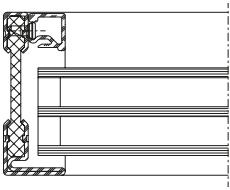
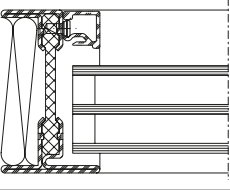
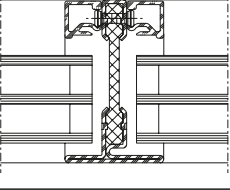
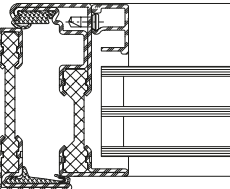
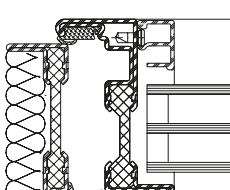
Festverglasungen und  
 Fenster nach innen öffnend

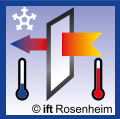
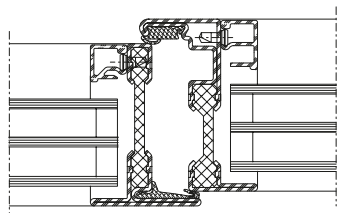
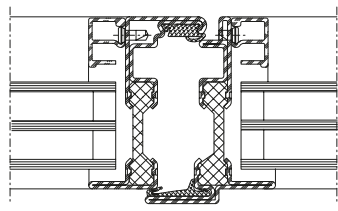
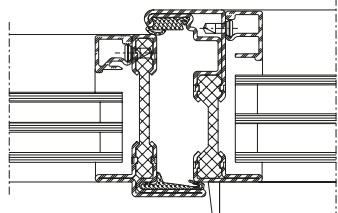
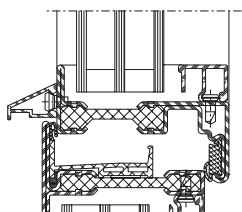
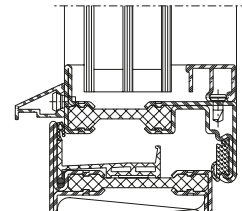
**Janisol Arte acier**  
**Triple verre isolant**

Vitrages fixes et fenêtres  
 ouvrant vers l'intérieur

**Janisol Arte steel**  
**Triple insulating glazing**

Fixed lights and  
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 36 mm	≥ 46 mm
	2,5 W/m²K	2,3 W/m²K
	1,9 W/m²K	1,8 W/m²K
	2,3 W/m²K	2,2 W/m²K
	3,2 W/m²K	3,1 W/m²K
	2,8 W/m²K	2,8 W/m²K

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 36 mm	≥ 46 mm
	3,1 W/m²K	3,0 W/m²K
	3,2 W/m²K	3,1 W/m²K
	3,0 W/m²K	3,0 W/m²K
	3,0 W/m²K	2,9 W/m²K
	2,7 W/m²K	2,7 W/m²K

**Janisol Arte Stahl**  
**Dreifach-Isolierglas**


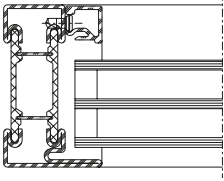
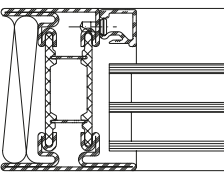
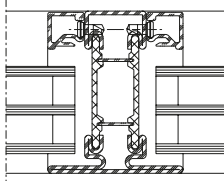
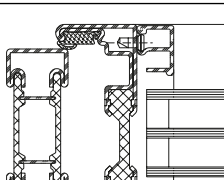
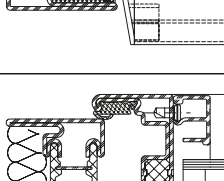
Festverglasungen und  
 Fenster nach innen öffnend


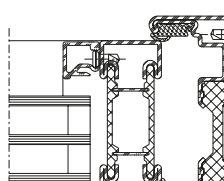
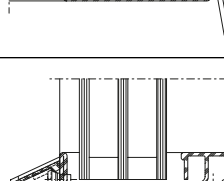
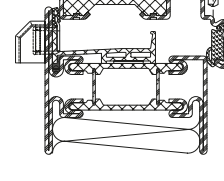
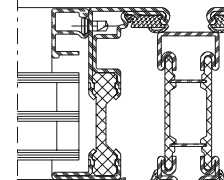
**Janisol Arte acier**  
**Triple verre isolant**

Vitrages fixes et fenêtres  
 ouvrant vers l'intérieur

**Janisol Arte steel**  
**Triple insulating glazing**

Fixed lights and  
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 36 mm	≥ 46 mm
	1,9 W/m²K	1,8 W/m²K
	1,6 W/m²K	1,5 W/m²K
	1,8 W/m²K	1,8 W/m²K
	2,7 W/m²K	2,7 W/m²K
	2,4 W/m²K	2,4 W/m²K

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 36 mm	≥ 46 mm
	2,6 W/m²K	2,6 W/m²K
	2,4 W/m²K	2,4 W/m²K
	2,9 W/m²K	2,8 W/m²K
	2,9 W/m²K	2,8 W/m²K

**Janisol Arte Stahl  
 optimiert  
 Zweifach-Isolierglas**

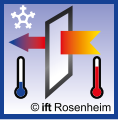
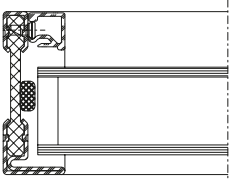
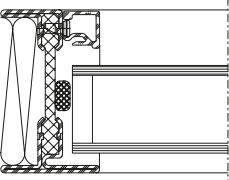
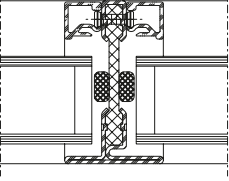
Festverglasungen und  
 Fenster nach innen öffnend

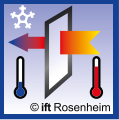
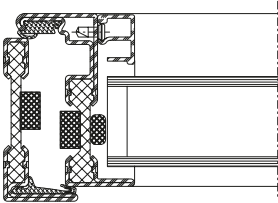
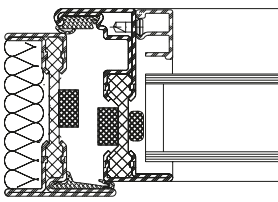
**Janisol Arte acier  
 optimisé  
 Double verre isolant**

Vitrages fixes et fenêtres  
 ouvrant vers l'intérieur

**Janisol Arte steel  
 optimised  
 Double insulating glazing**

Fixed lights and  
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,4 W/m <sup>2</sup> K	X
	1,8 W/m <sup>2</sup> K	X
	2,1 W/m <sup>2</sup> K	X

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	3,1 W/m <sup>2</sup> K	2,5 W/m <sup>2</sup> K
	2,7 W/m <sup>2</sup> K	2,2 W/m <sup>2</sup> K

**Janisol Arte Stahl  
 optimiert  
 Zweifach-Isolierglas**

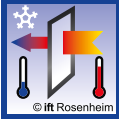
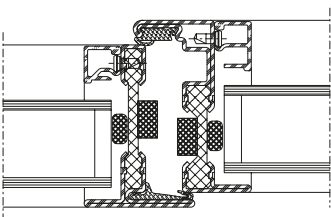
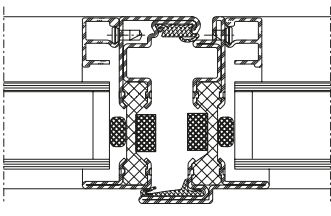
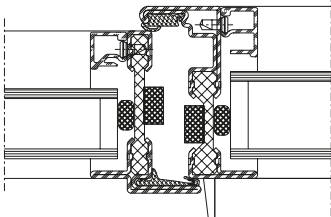
Festverglasungen und  
 Fenster nach innen öffnend

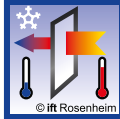
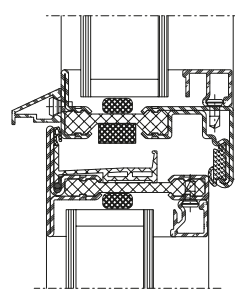
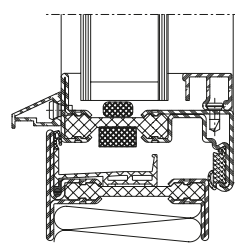
**Janisol Arte acier  
 optimisé  
 Double verre isolant**

Vitrages fixes et fenêtres  
 ouvrant vers l'intérieur

**Janisol Arte steel  
 optimised  
 Double insulating glazing**

Fixed lights and  
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	<b>3,0 W/m²K</b>	<b>2,4 W/m²K</b>
	<b>3,0 W/m²K</b>	<b>2,5 W/m²K</b>
	<b>2,9 W/m²K</b>	<b>2,4 W/m²K</b>

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	<b>2,9 W/m²K</b>	<b>2,6 W/m²K</b>
	<b>2,6 W/m²K</b>	<b>2,4 W/m²K</b>



**Janisol Arte Stahl  
 optimiert  
 Zweifach-Isolierglas**

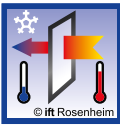
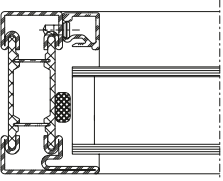
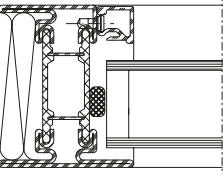
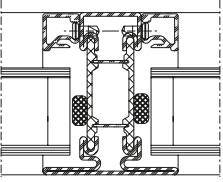
Festverglasungen und  
 Fenster nach innen öffnend

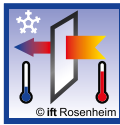
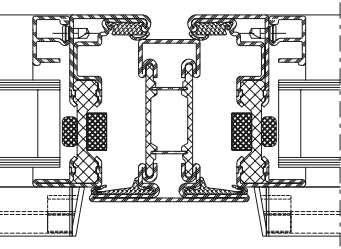
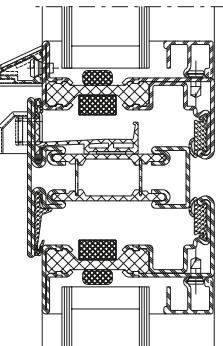
**Janisol Arte acier  
 optimisé  
 Double verre isolant**

Vitrages fixes et fenêtres  
 ouvrant vers l'intérieur

**Janisol Arte steel  
 optimised  
 Double insulating glazing**

Fixed lights and  
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	<b>1,8 W/m²K</b>	X
	<b>1,5 W/m²K</b>	X
	<b>1,7 W/m²K</b>	X

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	<b>2,8 W/m²K</b>	X
	<b>2,8 W/m²K</b>	X

**Janisol Arte Stahl  
 optimiert  
 Zweifach-Isolierglas**

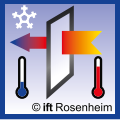
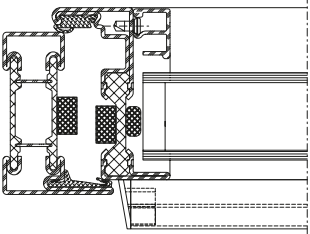
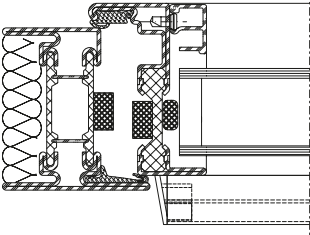
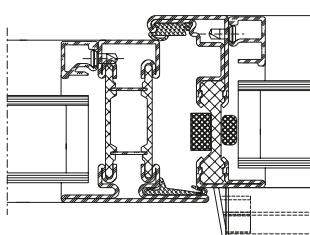
Festverglasungen und  
 Fenster nach innen öffnend

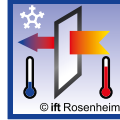
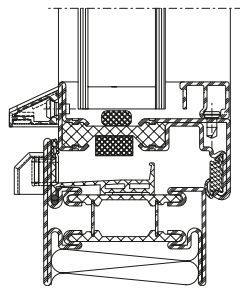
**Janisol Arte acier  
 optimisé  
 Double verre isolant**

Vitrages fixes et fenêtres  
 ouvrant vers l'intérieur

**Janisol Arte steel  
 optimised  
 Double insulating glazing**

Fixed lights and  
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,7 W/m²K	2,2 W/m²K
	2,4 W/m²K	2,0 W/m²K
	2,6 W/m²K	2,1 W/m²K

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,3 W/m²K	2,1 W/m²K

**Janisol Arte Stahl  
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 Dreifach-Isolierglas**

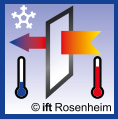
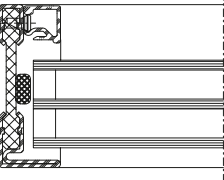
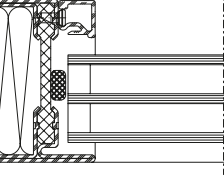
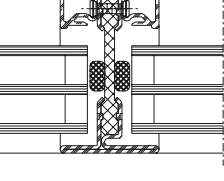
Festverglasungen und  
 Fenster nach innen öffnend

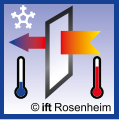
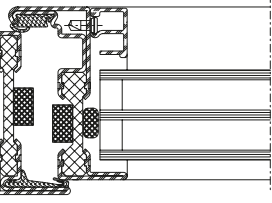
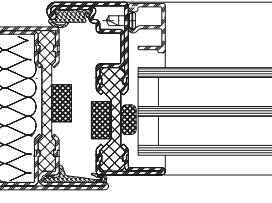
**Janisol Arte acier  
 optimisé  
 Triple verre isolant**

Vitrages fixes et fenêtres  
 ouvrant vers l'intérieur

**Janisol Arte steel  
 optimised  
 Triple insulating glazing**

Fixed lights and  
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,0 W/m²K	X
	1,6 W/m²K	X
	1,6 W/m²K	X

	Füllelementstärken Éléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	3,0 W/m²K	2,5 W/m²K
	2,6 W/m²K	2,2 W/m²K

**Janisol Arte Stahl  
 optimiert  
 Dreifach-Isolierglas**


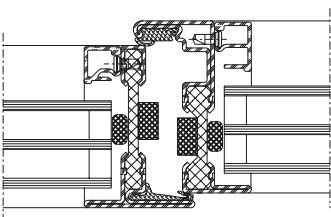
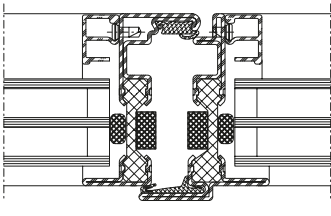
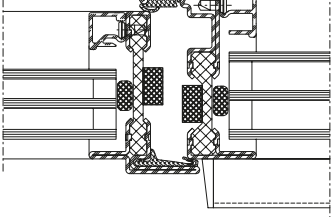
Festverglasungen und  
 Fenster nach innen öffnend


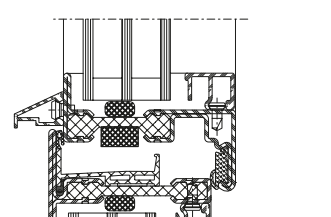
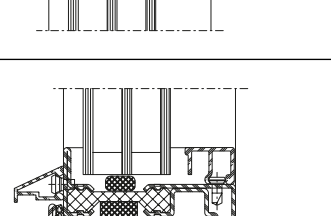
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 Triple verre isolant**

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**Janisol Arte steel  
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	Füllelementstärken Éléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	<b>2,7 W/m²K</b>	<b>2,2 W/m²K</b>
	<b>2,9 W/m²K</b>	<b>2,4 W/m²K</b>
	<b>2,7 W/m²K</b>	<b>2,2 W/m²K</b>

	Füllelementstärken Éléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	<b>2,6 W/m²K</b>	<b>2,4 W/m²K</b>
	<b>2,6 W/m²K</b>	<b>2,3 W/m²K</b>

**Janisol Arte Stahl  
 optimiert  
 Dreifach-Isolierglas**

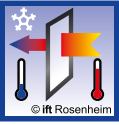
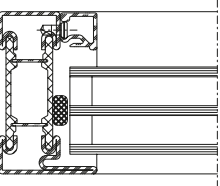
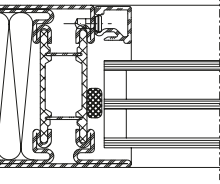
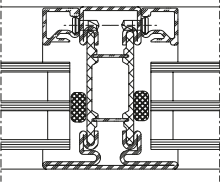
Festverglasungen und  
 Fenster nach innen öffnend


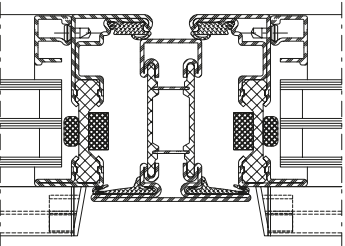
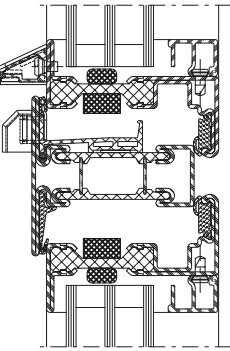
**Janisol Arte acier  
 optimisé  
 Triple verre isolant**

Vitrages fixes et fenêtres  
 ouvrant vers l'intérieur

**Janisol Arte steel  
 optimised  
 Triple insulating glazing**

Fixed lights and  
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
		1,6 W/m²K
		1,4 W/m²K
	1,4 W/m²K	

	Füllelementstärken Éléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
		2,7 W/m²K
		2,7 W/m²K

**Janisol Arte Stahl  
 optimiert  
 Dreifach-Isolierglas**


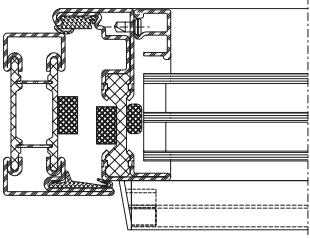
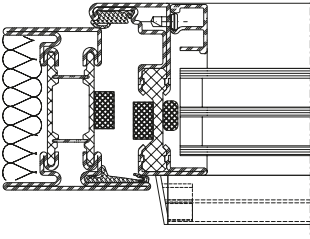
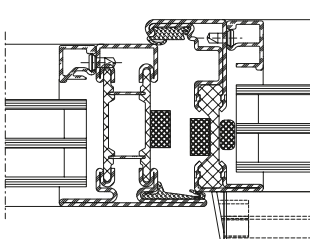
Festverglasungen und  
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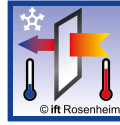
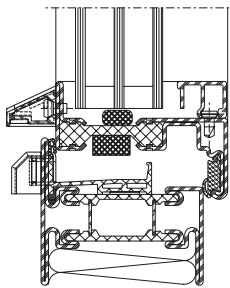
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	Füllelementstärken Eléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,6 W/m²K	2,2 W/m²K
	2,3 W/m²K	1,9 W/m²K
	2,4 W/m²K	2,0 W/m²K

	Füllelementstärken Eléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,3 W/m²K	2,0 W/m²K



## Schalldämmung

### Ausführungsvarianten

Die nachfolgende Typenübersicht ergibt einen Überblick über die beurteilten Varianten.

## Isolation phonique

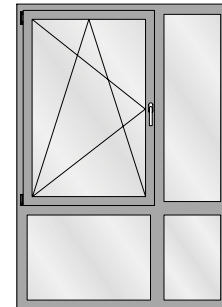
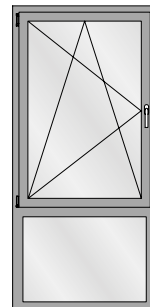
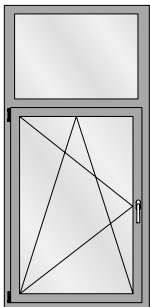
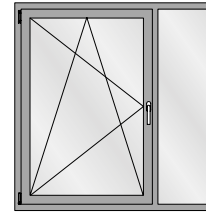
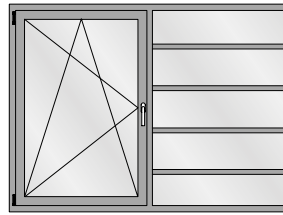
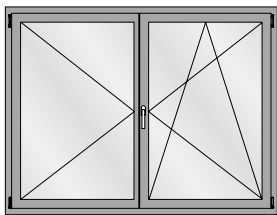
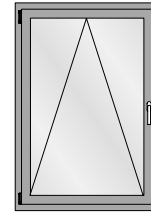
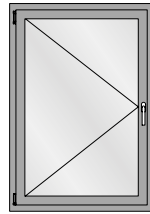
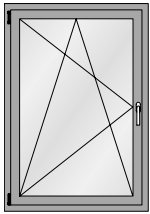
### Modèles

L'aperçu des types suivant fournit une vue d'ensemble des variantes examinées.

## Sound insulation

### Design range

The following overview of types provides an overview of the evaluated designs.



**Tabelle**

Korrekturtabelle für Janisol Arte 66 Fenster mit Mehrscheiben-Isolierglas

**Tableau A1**

Tableau de correction pour les fenêtres Janisol Arte 66 avec vitrage isolant multi-vitres

**Table A1**

Correction table for Janisol Arte 66 windows with multi-pane insulating glass

	1	2	7	8	9	10	12	13	14	
	<b>Fenster</b> <b>Fenêtre</b> <b>Window</b>	<b>Glas</b> <b>Verre</b> <b>Glass</b>	<b>Korrekturen</b> <b>Corrections</b> <b>Corrections</b>							
	$R_{W, Fenster}$ dB	$R_{W, P, Glas}$ dB	$K_{FF}$ dB	$K_{G 0,4}$ dB	$K_{GK 0,7/A1,0}$ dB	$K_{GK 1,1/A1,8}$ dB	$K_{G 1,8}$ dB	$K_{G 2,9}$ dB	$K_{G 3,7}$ dB	
1	29	28	0	0	-2	-2	-2	-3	-4	
2	30	29	0	0	-2	-2	-2	-3	-4	
3	31	30	0	0	-2	-2	-2	-3	-4	
4	32	31	0	0	-2	-2	-2	-3	-4	
5	33	32	0	0	-2	-2	-2	-3	-4	
6	33	33	0	0	-2	-2	-2	-3	-4	
7	34	34	0	0	-2	-2	-2	-3	-4	
8	35	35	0	0	-2	-2	-2	-3	-4	
9	36	36	0	0	-2	-2	-2	-3	-4	
10	37	37	0	0	-2	-2	-2	-3	-4	
11	38	38	0	0	-2	-2	-2	-3	-4	
12	39	39	0	0	-2	-2	-2	-3	-4	
13	40	40	0	0	-2	-2	-2	-4	-4	
14	41	41	0	-1	-2	-2	-2	-4	-4	
15	42	42	0	-1	-2	-2	-2	-4	-4	
16	43	43	0	-2	-2	-2	-2	-4	-4	
17	44	44	0	-2	-2	-2	-2	-4	-4	
18	45	45	0	-3	-3	-3	-2	-4	-4	
19	45	46	0	-4	-3	-3	-4	-5	-5	
20	46	47	+1	-4	-3	-3	-5	-5	-6	
21	46	48	+1	-5	-3	-3	-5	-5	-6	
22	47	49	+2	-5	-3	-3	-5	-5	-6	



Der aus der Tabelle A1 abzulesende Wert für die Schalldämmung  $R_{W, Fenster}$  beträgt:

La valeur à relever sur le tableau A1 concernant l'isolement contre les sons aériens  $R_{W, Fenêtre}$  est la suivante:

The value taken from table A1 for the sound insulation  $R_{W, Window}$  is:

$$R_{W, Fenster} = R_W + K_{FF} + K_{G 0,4} + K_{GK 0,7/A1,0} + K_{GK 1,1/A1,8} + K_{G 1,8} + K_{G 2,9} + K_{G 3,7} \text{ dB}$$

$K_{FF}$	Korrekturwert für Festverglasungen	$K_{FF}$	Valeur de correction pour vitrages fixes	$K_{FF}$	Correction value for fixed glazings
$K_{G 0,4}$	Korrekturwert für Einzelscheiben $\leq 0,4 \text{ m}^2$ .	$K_{G 0,4}$	Valeur de correction pour vitres individuelles $\geq 0,4 \text{ m}^2$	$K_{G 0,4}$	Correction value for single panes $\leq 0,4 \text{ m}^2$ .
$K_{GK 0,7/A1,0}$	Korrekturwert für Elemente mit Einzelscheiben mit einer Kantenlänge $\leq 0,7 \text{ m}$ und einer Fläche $\geq 1,0 \text{ m}^2$	$K_{GK 0,7/A1,0}$	Valeur de correction pour éléments à vitre individuelle avec une longueur de bord $\leq 0,7 \text{ m}$ et une surface $\geq 1,0 \text{ m}^2$	$K_{GK 0,7/A1,0}$	Correction value for units with single panes with an edge length $\leq 0.7 \text{ m}$ and an area $\geq 1.0 \text{ m}^2$
$K_{GK 1,1/A1,8}$	Korrekturwert für Elemente mit Einzelscheiben mit einer Kantenlänge $\leq 1,1 \text{ m}$ und einer Fläche $\geq 1,8 \text{ m}^2$ und $\leq 3,4 \text{ m}^2$	$K_{GK 1,1/A1,8}$	Valeur de correction pour éléments à vitre individuelle avec une longueur de bord $\leq 1,1 \text{ m}$ et une surface $\geq 1,8 \text{ m}^2$ et $\leq 3,4 \text{ m}^2$	$K_{GK 1,1/A1,8}$	Correction value for units with single panes with an edge length $\leq 1.1 \text{ m}$ and an area $\geq 1.8 \text{ m}^2$ and $\leq 3.4 \text{ m}^2$
$K_{G 1,8}$	Korrekturwert für Einzelscheiben mit einer Glasfläche $\geq 1,8 \text{ m}^2$	$K_{G1,8}$	Valeur de correction pour vitres individuelles avec surface vitrée $\geq 1,8 \text{ m}^2$	$K_{G1,8}$	Correction value for single panes with a glass area $\geq 1,8 \text{ m}^2$
$K_{G 2,9}$	Korrekturwert für Einzelscheiben mit einer Glasfläche $\geq 2,9 \text{ m}^2$	$K_{G2,9}$	Valeur de correction pour vitres individuelles avec surface vitrée $\geq 2,9 \text{ m}^2$	$R_{G2,9}$	Correction value for single panes with a glass area $\geq 2,9 \text{ m}^2$
$K_{G3,7}$	Korrekturwert für Einzelscheiben mit einer Glasfläche $\geq 3,7 \text{ m}^2$ und $\leq 5,5 \text{ m}^2$	$R_{G3,7}$	Valeur de correction pour vitres individuelles avec surface vitrée $\geq 3,7 \text{ m}^2$ et $\leq 5,5 \text{ m}^2$	$R_{G3,7}$	Correction value for single panes with a glass area $\geq 3,7 \text{ m}^2$ and $\leq 5,5 \text{ m}^2$



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