

METALFORM

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**SA 20 Inward and outward opening doors and
windows tilt and turn galvanized steel**

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SA 20 Inward and Outward Opening Doors and Windows | Tilt and Turn | Galvanized Steel

- Supply and installation of doors, windows, and facades, in fixed and openable sashes, for inward and outward opening doors and windows, built with tubular profiles Secco Sistemi SA 20, closed by continuous welding, obtained by cold-rolling profiling of steel thickness 20/10, hot-dip galvanized "Sendzimir system" skinpassed finish (FeP02 GZ 200), zinc coating ≥ 200 gr/sqm, (UNI EN 10142/3/7 and EURONORM 143 standards).
- The assembly of the frames is carried out by continuous welding of the contact surfaces followed by grinding and restoration of the surface finish.
- The windows have external and internal coplanarity profiles and the following visible sections: fixed side node of 45 mm, openable side node of 81 mm, central node for the two sashes that is asymmetrical and measures 101mm / symmetrical 133mm, mandatory depth of 60mm.
- The doors have internal and external profile coplanarity and the following visible sections: fixed 45 mm side node, opening side node of 106 mm, central node for the two wings 151mm, mandatory depth of 60mm.
- Water, air, and wind sealing system for inward opening windows with triple mortise gasket (two sealing levels, one of which is open-joint), for outward opening windows and for doors with double mortise gasket (one level of closed joint gasket).
- Mobile sill for floors for doors. A sufficient number of Corten steel screw-on water drains are provided in the windows.
- Stainless Steel to be Varnished
- The frames are complete with glass, (insert glass type) fixed with glazing beads (select one of the following options) | Squared | Gothic | Thin | in galvanized steel to be varnished spaced from the external surfaces by means of EPDM or silicone gaskets, and from the internal surfaces by means of pressure-inserted EPDM gaskets.
- The windows are equipped with concealed to be screwed on, stainless steel to be varnished adjustable, three-winged, with a capacity of 70kg per panel ($\varnothing 14$ mm).

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- Alternatively, windows with internal overlapping profiles have a tilt-and-sash opening with perimeter hardware and visible hinges (Ø14 mm per 100 kg load capacity) or concealed hinges (130 kg load capacity).
- The doors are equipped with locks with an adequate number of locking points proportioned with the height of the sashes and adjustable screw-on hinges with a load capacity of up to 100 kg (Ø22 mm) in painted pickled steel Oxidized.
- The surfaces are varnished with powder at a temperature of 180° for 25 minutes in a furnace.
- The handles complete the set and are available in different shapes, materials, and finishes, including the raw brass to be varnished.

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MASTERS OF METAL

UNITED KINGDOM

METALFORM

NORWAYMETAL LTD

53 Chelsea Manor Street

London, SW3 5RZ

SALES@METALFORM.UK

+44 20 81298814

GERMANY

METALFORM GMBH

Carl-Zeiss-Ring 15A

85737 Ismaning

SALES@METALFORMGROUP.DE

+49 17663630406

NORWAY

METALFORM AS

Brochmannsveien 2

1950 Rømskog

SALG@METALFORM.NO

+47 401 62 446

METALFORMGROUP

SALES@METALFORMGROUP.COM