

METALFORM

MASTERS OF METAL

EBE 65

**Inward and outward opening doors | Tilt
and turn | Burglar-proof RC3 | Corten Steel**

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Corten Steel

EBE 65 Inward and outward opening doors | Tilt and turn | Burglar-proof RC3

Description:

Supply and installation of doors, windows, and facades, including fixed and openable sashes. The products are designed for inward and outward opening doors and windows, constructed with thermal break profiles from Secco Sistemi EBE 65.

Frame Construction:

- Frame sections are constructed by seamlessly joining two metal shells (one whole and one external).
- Extruded polyamide filled with fiberglass and joined to the parts by high-density polyurethane resin.
- Metal shells obtained by cold-rolling profiling strips of Cor-Ten steel (Fe510X) with a thickness of 15/10, in compliance with the eN1049 standard.

Assembly and Sealing:

- Folding unit must be kept open for insertion of stainless steel alignment brackets.

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- Assembly of frames is carried out by continuous welding of contact surfaces followed by grinding and restoration of the surface finish.
- Windows feature internal overlap and external coplanarity profiles.
- Water, air, and wind sealing system for inward opening windows with triple mortise gasket and for outward opening windows and doors with double mortise gasket.

Additional Features:

- Mobile sill for floors for doors.
- Corten steel screw-on water drains provided in the windows.

Components:

- Frames complete with glass, fixed with glazing beads in corten steel.
- Windows equipped with concealed, adjustable hot burnished stainless steel hardware.
- Alternatively, windows have tilt and turn openings with perimeter hardware, available with concealed or visible hinges.
- RC3 certified burglar alarm category for windows.
- Doors equipped with locks and adjustable screw-on stainless steel hinges for load capacities up to 250 kg (Ø21.5 mm) and 160 kg (Ø22.5 mm) in corten steel.

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Surface Finish:

- Oxidized surfaces finished with acid etching, oxidation, passivation, and waxing processes.

Handles:

- Available in different shapes, materials, and finishes, including corten steel.

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