

METALFORM

MASTERS OF METAL

**EBE 75 | Inward and Outward Opening Doors |
Tilt and Turn | Burglar-Proof RC3 | Galvanized
Steel**

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Galvanized Steel

EBE 75 | Inward and Outward Opening Doors | Tilt and Turn | Burglar-Proof RC3 | 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 thermal break profiles Secco Sistemi EBE 75.

The frame sections are made by seamlessly joining two metal shells (one whole and one external) with extruded polyamide filled with fibreglass and joined to the parts by high-density polyurethane resin.

The metal shells are obtained by cold-rolling profiling strips of steel thickness 15/10, hot-dip galvanized "Sendzimir system" skin passed finish (FeP02 GZ 200), zinc coating ≥ 200 gr/sqm, (UNI EN 10142/3/7 and EURONORM 143 standards).

The folding unit must be kept open so that the stainless steel alignment brackets can be inserted, even in the case of continuous surface welding.

The assembly of the frames is carried out by continuous welding of the contact surfaces followed by grinding and restoration of the surface finish.

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Windows:

- External and internal coplanarity profiles.
- Visible sections: fixed side node of 47 mm, openable side node of 85 mm, central node for the two panels that is asymmetrical and measures 107mm / symmetrical 145mm.
- Mandatory depth of 65 mm.
- 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.

Frames:

- Complete with glass, 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.

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Windows Equipment:

- Concealed to be screwed on, stainless steel to be varnished, adjustable with three wings (Ø15 mm 180kg capacity per panel).
- Alternatively, the windows have tilt and turn openings with perimeter hardware, available with either concealed hinges (130 kg load capacity) or visible hinges (Ø14 mm load 150 kg capacity), the hardware is equipped with an appropriate number of locking points depending on the sash size.
- Windows have an RC3 certified burglar alarm category.

Doors:

- Equipped with locks with an appropriate number of locking points proportioned with the height of the sashes and adjustable screw-on stainless steel hinges for load capacities up to 250 kg (Ø21.5 mm), and for load capacities up to 160 kg (Ø22.5 mm) in painted pickled steel.

Surface Finish:

- Oxidized.
- Surfaces are varnished with powder at a temperature of 180° for 25 minutes in a furnace.

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Handles:

- Complete the set and are available in different shapes, materials, and finishes, including the raw brass to be varnished.

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