

METALFORM

MASTERS OF METAL

**EBE 65 Inward and outward opening doors | tilt
and turn | burglar-proof RC3 |**

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Stainless Steel

EBE 65 Inward and outward opening doors | tilt and turn | burglar-proof RC3 |

Description:

Supply and installation of doors, windows, and facades, featuring inward and outward opening mechanisms, constructed with thermal break profiles Secco Sistemi EBE 65.

Frame Construction:

- Seamless integration of two metal shells (one internal and one external) with extruded polyamide, reinforced with fibreglass, and bonded using high-density polyurethane resin.
- Metal shells crafted from cold-rolled profiling strips of stainless steel AISI 316L Marine, adhering to 15/10, eN10088-2, and EU114 standards, boasting a Scotch Brite finish.

Assembly Process:

- Welding of contact surfaces, followed by meticulous grinding and surface restoration.

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Window Design:

- Internal overlap and external coplanarity profiles.
- Visible sections include fixed side nodes (47 mm), openable side nodes (85 mm), and central nodes for panels (asymmetrical: 107 mm, symmetrical: 145 mm).
- Mandatory depth of 65 mm.

Door Specifications:

- Internal and external profile coplanarity.
- Visible sections: fixed side nodes (47 mm), opening side nodes (109 mm), and central nodes for wings (156 mm).
- Mandatory depth of 65 mm.

Sealing System:

- Triple mortise gasket for inward opening windows, featuring two sealing levels (one open-joint).
- Double mortise gasket for outward opening windows and doors (one level of closed joint).

Additional Features:

- Mobile sill for floors.
- Corten steel screw-on water drains.

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- Hot burnished stainless steel frames.

Glass Integration:

- Glass fixed with glazing beads, available in Squared, Gothic, or Thin options, embedded in AISI316L stainless steel.
- Spaced from external surfaces using EPDM or silicone gaskets, and from internal surfaces using pressure-inserted EPDM gaskets.

Window Hardware:

- Concealed screws, featuring adjustable three-wing hinges (Ø15 mm, 180 kg capacity per panel).
- Optional tilt and turn openings with perimeter hardware, equipped with concealed or visible hinges (Ø14 mm, 150 kg capacity).

Security Certification:

- RC3 burglar alarm category for windows.

Door Locks:

- Equipped with locks featuring an appropriate number of locking points, tailored to sash height.
- Adjustable screw-on stainless steel hinges for load capacities up to 250 kg (Ø21.5 mm) and 160 kg (Ø22.5 mm) in stainless steel.

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Surface Treatment:

- Oxidized Scotch Brite finish for surfaces.

Handles:

- Available in various shapes, materials, and finishes, including stainless steel.

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