

METALFORM

MASTERS OF METAL

EBE 75 Vertical Pivot

In stainless steel

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Stainless Steel

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Supply and installation of doors, windows, and facades, in fixed and openable sashes, for doors with pivot opening, built with thermal break profiles Secco Sistemi EBE 75.

Frame Construction:

- The frame sections are constructed by seamlessly joining two metal shells (one whole and one external) with extruded polyamide filled with fiberglass and joined to the parts by high-density polyurethane resin.
- Metal shells are obtained by cold-rolling profiling strips of stainless steel AISI 316L Marine (X2 CrNiMo 17-12-2) with a thickness in line with 15/10, EN10088-2, and EU114 standards, with a Scotch Brite finish.

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Assembly:

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

Visible Sections:

- The doors have internal and external profile coplanarity and the following visible sections:
 - Fixed 47 mm side node.
 - Opening side node of 109 mm.
 - Central node for the two wings 156 mm.
 - Mandatory depth of 65 mm.

Sealing System:

- Water, air, and wind sealing system for doors with double mortise gasket (one level of closed joint gasket).
- Mobile sill for floors for doors.

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Glass and Glazing:

- The frames are complete with glass, with options for glass type including squared, gothic, or thin, fixed with glazing beads in AISI316L stainless steel.
- Spaced from the external surfaces by means of EPDM or silicone gaskets, and from the internal surfaces by means of pressure-inserted EPDM gaskets.

Hinges and Locks:

- The doors are equipped with steel hinges and concealed steel closing mechanisms in stainless steel.
- The system provides locks with an adequate number of locking points proportioned with the height of the sashes, and hinges for adjustable and concealed pivot hinges in stainless steel.

Surface Treatment:

- Oxidized Scotch Brite finish for surfaces.

Handles:

- The handles complete the set and are available in different shapes, materials, and finishes, including stainless steel.

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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