

METALFORM

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EBE 65 Vertical Pivot in Stainless Steel

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Stainless Steel

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Supply and installation of doors, windows, and facades, featuring vertical pivot doors, constructed with thermal break profiles Secco Sistemi EBE 65. The frame sections are seamlessly joined metal shells (one whole and one external), incorporating extruded polyamide filled with fiberglass and joined to the parts by high-density polyurethane resin. The metal shells are derived from cold-rolled profiling strips of stainless steel AISI 316L Marine (X2 CrNiMo 17-12-2) with a thickness conforming to 15/10, EN10088-2, and EU114 standards, boasting a Scotch Brite finish.

To facilitate assembly, the folding unit must remain open, allowing insertion of stainless steel alignment brackets, even in scenarios involving continuous surface welding. Assembly of the frames entails continuous welding of contact surfaces, followed by grinding and surface finish restoration.

Door Specifications:

- Fixed side node: 47 mm
- Opening side node: 109 mm
- Central node for two wings: 156 mm
- Mandatory depth: 65 mm

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For doors, a water, air, and wind sealing system is integrated, featuring double mortise gasket with one level of closed joint gasket. Additionally, mobile sills are provided for floors.

Frame Details:

- Complete with glass (type to be inserted), fixed with glazing beads (options: Squared, Gothic, Thin) in AISI316L stainless steel.
- External surfaces are spaced from the glass by EPDM or silicone gaskets, while internal surfaces are separated by pressure-inserted EPDM gaskets.

Hardware and Finishing:

- Doors are equipped with steel hinges, concealed steel closing mechanisms, and stainless steel pivot hinges.
- Locks are provided with a suitable number of locking points, proportional to the sash height.
- Surfaces feature oxidized Scotch Brite finish.
- Handles are available in various shapes, materials, and finishes, including stainless steel.

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