

# **METALFORM**

**MASTERS OF METAL**

**EBE 75 Vertical Pivot**

**Galvanized steel**

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## Galvanized Steel

### EBE 75 Vertical Pivot

- **Description:** 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. The frame sections are made 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. 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  $\geq 200$  gr/sqm, (UNI EN 10142/3/7 and EURONORM 143 standards).
- **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. 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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- **Visible Sections:** The doors have internal and external profile complanarity 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 - doors with double mortise gasket (one level of closed joint gasket). Mobile sill for floors for doors.
- **Glass:** The frames are complete with glass, (insert glass type) fixed with glazing beads (select one of the following options) I Squared I Gothic I Thin I 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.
- **Hinges and Locks:** The doors are equipped with steel hinges and concealed steel closing mechanisms stainless steel to be varnished. The system provides locks with an adequate number of locking points which are proportioned with the height of the sashes and hinges for adjustable and concealed pivot hinges 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:** The handles complete the set and are available in different shapes, materials, and finishes, including the raw brass to be varnished.

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