

METALFORM

MASTERS OF METAL

EBE 65 Vertical Pivot in Brass OT67

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Brass OT67

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- We specialize in the supply and installation of doors, windows, and facades, featuring fixed and openable sashes. Our focus lies on doors with pivot openings, crafted with thermal break profiles from Secco Sistemi EBE 65.

Frame Construction:

- The frame sections are meticulously crafted by seamlessly joining two metal shells – one complete and one external – using extruded polyamide filled with fiberglass. These are then bonded together with high-density polyurethane resin. The metal shells are formed from cold-rolled profiling strips of Copper alloy OT67 (Cu67/Zn33), adhering to the EN1652:1999 standard.

Assembly Process:

- The folding unit remains open during assembly to facilitate the insertion of stainless steel alignment brackets, even during continuous surface welding. Assembly includes welding the internal surfaces, reinforced by stainless steel brackets, with eventual brazing of visible parts.

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Door Design:

- Our doors exhibit internal and external profile complanarity, featuring fixed 47 mm side nodes, an opening side node of 109 mm, and a central node for the two wings measuring 156 mm, with a mandatory depth of 65 mm.

Sealing System:

- For doors, we ensure comprehensive water, air, and wind sealing with a double mortise gasket, offering a single level of closed joint gasket. Additionally, we provide mobile sills for floors to complement our door installations.

Glass Integration:

- Frames come complete with glass, available in various types, and fixed with glazing beads. Options include Squared, Gothic, or Thin glass, all meticulously integrated into brass OT67 frames. EPDM or silicone gaskets ensure proper spacing from external and internal surfaces.

Hardware and Finish:

- Our doors are equipped with steel hinges and concealed steel closing mechanisms, both crafted from hot burnished stainless steel. Our locking system boasts an adequate number of locking points, aptly proportioned
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with sash height. The pivot hinges are also crafted from hot burnished stainless steel for durability.

Surface Treatment:

- Surfaces undergo meticulous treatment, including burnishing with a mechanical cleaning process involving abrasive methods, immersion in burnishing liquid, washing, and final protection with Vaseline oil or a preferred wax.

Handle Options:

- To complete the ensemble, we offer handles in various shapes, materials, and finishes, including the exquisite Brass OT67.

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