

# **METALFORM**

**MASTERS OF METAL**

**Vertical pivot brass OT67**

# METALFORM

## EBE 85 Vertical Pivot in Brass OT67

### Description:

Supply and installation of doors, windows, and facades featuring fixed and openable sashes. The doors are designed with a pivot opening mechanism and constructed using thermal break profiles, specifically Secco Sistemi EBE 85.

### Construction:

- Frame sections composed of two seamlessly joined metal shells, one internal and one external, filled with extruded polyamide infused with fiberglass and bonded with high-density polyurethane resin.
- Metal shells crafted from cold-rolling profiling strips of Copper alloy OT67 (Cu67/Zn33) with a thickness of 15/10, meeting standard EN1652:1999.
- Folding unit designed to facilitate insertion of stainless steel alignment brackets, even with continuous surface welding.
- Assembly of frames involves welding the internal surfaces with the insertion of internal stainless steel reinforcement brackets and eventual brazing of visible parts.

### Design Details:

- Doors exhibit internal and external profile complanarity.
- Visible sections include fixed 47 mm side node, opening side node of 109 mm, central node for the two wings at 156 mm, with a mandatory depth of 73.5 mm.
- Water, air, and wind sealing system incorporated with double mortise gasket providing a closed joint seal.
- Mobile sill for floors included with the doors.

### Glazing:

- Frames equipped with glass (type to be specified) fixed with glazing beads, available in options such as Squared, Gothic, or Thin.
- Glazing beads made of brass OT67, spaced from external surfaces by EPDM or silicone gaskets, and from internal surfaces by pressure-inserted EPDM gaskets.

# METALFORM

## Hardware:

- Doors equipped with steel hinges and concealed steel closing mechanisms made of hot burnished stainless steel.
- Locks feature an adequate number of locking points proportional to the height of sashes.
- Hinges designed to be adjustable and concealed, made from hot burnished stainless steel.

## Surface Finish:

- Surfaces oxidized and burnished using a mechanical cleaning process with abrasive, immersion in burnishing liquid, washing, and protection with Vaseline oil or a chosen wax.

## Handles:

- Handles available in various shapes, materials, and finishes, including Brass OT67.

# METALFORM

MASTERS OF METAL

UNITED KINGDOM

METALFORM

NORWAYMETAL LTD

53 Chelsea Manor Street

London, SW3 5RZ

[SALES@METALFORM.UK](mailto:SALES@METALFORM.UK)

+44 20 81298814

GERMANY

METALFORM GMBH

Carl-Zeiss-Ring 15A

85737 Ismaning

[SALES@METALFORMGROUP.DE](mailto:SALES@METALFORMGROUP.DE)

+49 17663630406

NORWAY

METALFORM AS

Brochmannsveien 2

1950 Rømskog

[SALG@METALFORM.NO](mailto:SALG@METALFORM.NO)

+47 401 62 446

METALFORMGROUP

[SALES@METALFORMGROUP.COM](mailto:SALES@METALFORMGROUP.COM)