

# **METALFORM**

**MASTERS OF METAL**

**EBE 85 AS Lift and Slide Corten steel**

# METALFORM

## Corten Steel

### EBE 85 AS Lift and Slide

**Description:** Supply and installation of doors, windows, and facades, including fixed and openable sashes. Specifically designed for doors with a lift and slide opening, constructed with thermal break profiles Secco Sistemi EBE 85 AS.

#### Frame Construction:

- Metal shells seamlessly joined with extruded polyamide filled with fiberglass, bonded with high-density polyurethane resin.
- Metal shells obtained through cold-rolling profiling strips of Cor-Ten steel (Fe510X) with a thickness of 15/10, meeting eN1049 standard.

#### Assembly:

- Folding unit designed to remain open for easy insertion of stainless steel alignment brackets, even during continuous surface welding.
- Frames assembled through continuous welding of contact surfaces, followed by grinding and restoration of surface finish.

#### Visible Sections:

- Sections available in either 69 mm or 94 mm, consistent across the entire perimeter of sliding sashes, with a mandatory depth of 84 mm.

# METALFORM

## Sealing System:

- Seamless water, air, and wind sealing system made with silicone seams threaded around the entire frame perimeter.
- Features vulcanized corner joints and neoprene pads for the central node.

## Glass Installation:

- Frames complete with glass, offering options such as Squared, Gothic, or Thin glass fixed with glazing beads.
- Glass installation spaced from external surfaces by EPDM or silicone gaskets, and from internal surfaces by pressure-inserted EPDM gaskets.

## Case Composition:

- Side and top case composed of tubular profiles with the same finish as sashes, featuring insulating materials for uninterrupted thermal break.
- Lower polyamide casing profile prepared for flush-to-floor installation internally and externally, with upper covering of the base in stainless steel.

## Sliding Lifts:

- Sliding lifts equipped with hardware for closing and manual or motorized handling, supporting capacities of up to 300kg, 400kg, or 600kg.

# METALFORM

## Surface Finish:

- Surfaces finished with acid etching, oxidation, passivation, and waxing processes, resulting in an oxidized appearance.

## Handles:

- Handles available in various shapes, materials, and finishes, including corten steel.

# METALFORM

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**