

METALFORM

MASTERS OF METAL

BV 75 Lift and Slide

In Corten Steel

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Supply and installation of doors, windows, and facades, in fixed and openable sashes, for doors with a lift and slide opening built with thermal break profiles Secco Sistemi BV 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 Cor-Ten steel (Fe510X) with a thickness of 15/10, in accordance with the EN1049 standard.

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.

Minimally visible sections of 47 mm, consistent throughout the entire perimeter of the panels, and 98 mm coaxial door center node. Mandatory depth of 84 mm.

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Water, air, and wind sealing system seamless, made with silicone seams to thread around the entire perimeter of the frames, vulcanized corner joints, and neoprene pads for the central node.

The frames are complete with glass, (insert glass type) fixed with glazing beads (select one of the following options):

- Beveled
- Squared
- Square Rounded
- Triangular
- Thin

in Corten steel, spaced from the external surfaces by means of EPDM or silicone gaskets, and from the internal surfaces by means of pressure-inserted EPDM gaskets.

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

The sliding lifts are complete with hardware for closing and manual handling with capacities up to 250 kg.

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Oxidized surfaces finished with acid etching, oxidation, passivation, and waxing processes.

The handle and the espagnolette cover box (of the Vitruvio series) complete the set and are available in various finishes, including Corten steel.

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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