

# **METALFORM**

**MASTERS OF METAL**

**BV 75 Lift and Slide in Stainless Steel**

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## Stainless Steel

### BV 75 Lift and Slide in Stainless Steel

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 fibreglass and joined to the parts by high-density polyurethane resin. The metal shells are obtained by cold-rolling profiling strips of stainless steel AISI 316L Marine (X2 CrNiMo 17-12-2) with a thickness in line with 15/10, eN10088-2, and EU114 standards, with a Scotch Brite finish.

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 AISI316L stainless 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.

Oxidized Scotch Brite for surfaces.

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

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