

METALFORM

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EBE 85 AS Lift and Slide Galvanized Steel

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Galvanized Steel

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Supply and installation of doors, windows, and facades, featuring fixed and openable sashes, for doors with a lift and slide opening, constructed with thermal break profiles Secco Sistemi EBE 85 AS.

The frame sections are meticulously crafted by seamlessly joining two metal shells (one whole and one external) with extruded polyamide filled with fiberglass, bonded to the parts by high-density polyurethane resin. The metal shells are derived from cold-rolled profiling strips of steel, boasting a thickness of 15/10 and a hot-dip galvanized "Sendzimir system" skin-passed finish (FeP02 GZ 200), with a zinc coating of ≥ 200 gr/sqm, compliant with UNI EN 10142/3/7 and EURONORM 143 standards.

The folding unit is kept open to facilitate the insertion of stainless steel alignment brackets, even in scenarios of continuous surface welding. Assembly of the frames entails continuous welding of the contact surfaces, followed by meticulous grinding and restoration of the surface finish.

Visible sections, available in options of 69 mm or 94 mm, remain consistent throughout the entire perimeter of the sliding sashes, with a mandatory depth of 84 mm.

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The seamless water, air, and wind sealing system is achieved through silicone seams threading around the entire perimeter of the frames, supplemented by vulcanized corner joints and neoprene pads for the central node.

Frames come complete with glass (insert glass type), securely fixed with glazing beads available in options of Squared, Gothic, or Thin, crafted in galvanized steel to be varnished. These are spaced from external surfaces by EPDM or silicone gaskets, and internally by pressure-inserted EPDM gaskets. The side and top case are composed of tubular profiles, boasting the same finish as the sashes, along with insulating materials ensuring an uninterrupted thermal break.

The lower polyamide casing profile is designed for flush-to-floor installation, both internally and externally, with an upper covering of the base in galvanized steel, or alternatively stainless steel.

Sliding lifts come equipped with hardware for closure, facilitating manual or motorized handling, with capacities up to (select one of the following options) _ 300kg _ 400kg _ 600kg.

Surface oxidation is addressed by varnishing with powder at a temperature of 180° for 25 minutes in a furnace. The handles, available in diverse shapes, materials, and finishes, include options such as raw brass to be varnished.

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