

# **METALFORM**

**MASTERS OF METAL**

**SA 15 Inward and Outward Opening Doors  
and Windows | Tilt and Turn | Galvanized  
Steel**

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## SA 15 Inward and Outward Opening Doors and Windows | Tilt and Turn | Galvanized Steel

- Supply and installation of doors, windows, and facades, in fixed and openable sashes, for inward and outward opening doors and windows, built with tubular profiles Secco Sistemi SA 15, closed by mechanical coupling (UNI EN 10142/3/7 standards), obtained by cold-rolling profiling of steel thickness 15/10, hot-dip galvanized "Sendzimir system" skinpassed finish (FeP02 GZ 200), zinc coating  $\geq 200$  gr/sqm, (UNI EN 10142/3/7 and EURONORM 143 standards).
- 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.
- The windows have external and internal coplanarity profiles and the following visible sections: fixed side node of 45 mm, openable side node of 81 mm, central node for the two sashes that is asymmetrical and measures 101mm / symmetrical 133mm, mandatory depth of 55mm.
- The doors have internal and external profile coplanarity and the following visible sections: fixed 45 mm side node, opening side node of 106 mm, central node for the two wings 151mm, mandatory depth of 55mm.
- Water, air, and wind sealing system for inward opening windows with triple mortise gasket (two sealing levels, one of which is open-joint), for outward opening windows and for doors with double mortise gasket (one level of closed joint gasket). Mobile sill for floors for doors. A sufficient number of Corten steel screw-on water drains are provided in the windows.
- Stainless steel to be varnished. The frames are complete with glass, (insert glass type) fixed with glazing beads (select one of the following options) | Squared | Gothic | Thin | in galvanized steel to be varnished spaced from the external surfaces by means of EPDM or silicone gaskets, and from the internal surfaces by means of pressure-inserted EPDM gaskets.
- The windows are equipped with concealed to be screwed on, stainless steel to be varnished adjustable, three-winged, with a capacity of 70kg per panel ( $\varnothing 14$  mm). Alternatively, windows with internal overlapping profiles have a tilt-and-sash opening with perimeter hardware and visible hinges ( $\varnothing 14$  mm per 100 kg load capacity) or concealed hinges (130 kg load capacity), the hardware is equipped with an appropriate number of locking points depending on the sash size.

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- The doors are equipped with locks with an adequate number of locking points proportioned with the height of the sashes and adjustable screw-on hinges with a load capacity of up to 100 kg (Ø22 mm) in painted pickled steel.
- Oxidized surfaces are varnished with powder at a temperature of 180° for 25 minutes in a furnace.
- The handles complete the set and are available in different shapes, materials, and finishes, including.

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