

# **METALFORM**

**MASTERS OF METAL**

**SA 15 Inward and Outward Opening Doors and  
Windows | Corten Steel**

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## SA 15 Inward and Outward Opening Doors and Windows | Corten 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 Cor-Ten steel (Fe510X) with a thickness of 15/10, 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.
- 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.
- The frames are complete with glass, (insert glass type) fixed with glazing beads (select one of the following options) | Squared | Gothic | 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.

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- The windows are equipped with concealed to be screwed on, hot burnished stainless steel adjustable, three-winged, with a capacity of 70kg per panel (Ø14 mm).
- 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 hot burnished stainless steel.
- Oxidized Surfaces finished with acid etching, oxidation, passivation, and waxing processes.
- The handles complete the set and are available in different shapes, materials, and finishes, including corten steel.

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