

METALFORM

MASTERS OF METAL

**OS2 75 Vertical and Horizontal Pivot Corten
Steel**

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- Supply and installation of doors, windows, and facades, in fixed and openable sashes, for windows with vertical or horizontal pivot opening, built with thermal break profiles Secco Sistemi OS2 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 steel thickness 15/10, hot-dip galvanized "Sendzimir system" skin passed finish (FeP02 GZ 200), zinc coating ≥ 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 system provides for the internal and external overlapping of the profiles and the following minimally visible sections: fixed side node measuring 27 mm, side sash node measuring 47 mm, central node for the two wings measuring 62 mm, mandatory depth of 77 mm.
- The frames have distinct nodes for fixed and openable parts, minimizing their dimensions as much as possible, with the option of inserting (or not inserting) coplanar glass between them.
- 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.
- 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) | Rectangular | Square Rounded | Triangular | 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.

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- The windows are equipped with concealed friction hinges with 100 kg steel load capacity Galvanized steel to be varnished.
- Internal bolt locking system with a lower and upper end, and a sufficient number of additional locking points depending on the size of the opening doors.
- The doors are complete with locks with various locking points depending on the height of the sashes and lock cover boxes/reinforced profiles in painted pickled steel Oxidized.
- The 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 the raw brass to be varnished.

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