

W75 TB



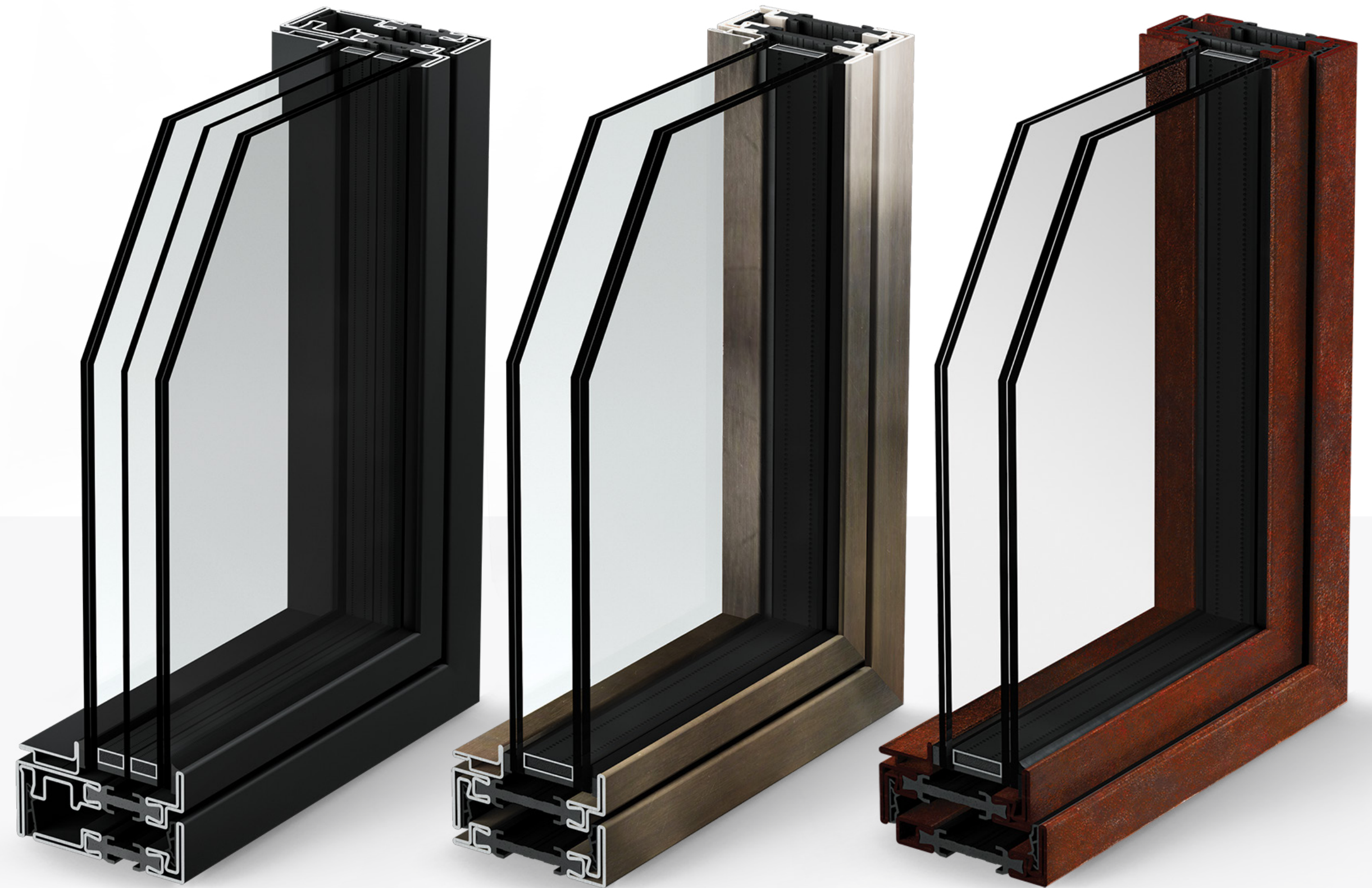
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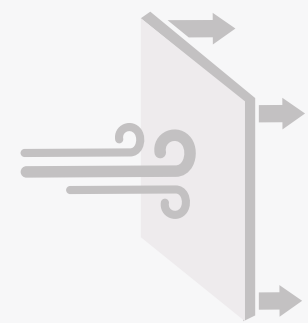
W75 TB

The new FerroFinestra W75 TB system keeps the streamlined and clean design of the FerroFinestra family while offering superior thermal insulation. Flush and overlapping aesthetics, an efficient polyamide insulating core, and a profile design that accommodates the latest selective insulating glass. The W75 TB system responds to the most demanding projects, for all types of windows and doors where the highest aesthetic and performance requirements are expected.

Available in galvanized steel, Cor-Ten steel, stainless steel and bright steel.

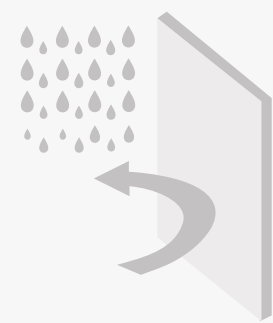


EN 12207



Air permeability
4 Class - 600 Pa

EN 12208



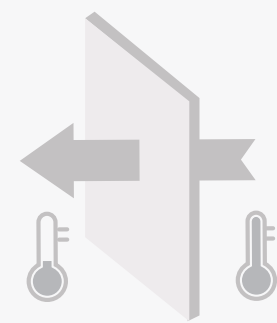
Water Tightness
9A Class - 600 Pa

EN 12210



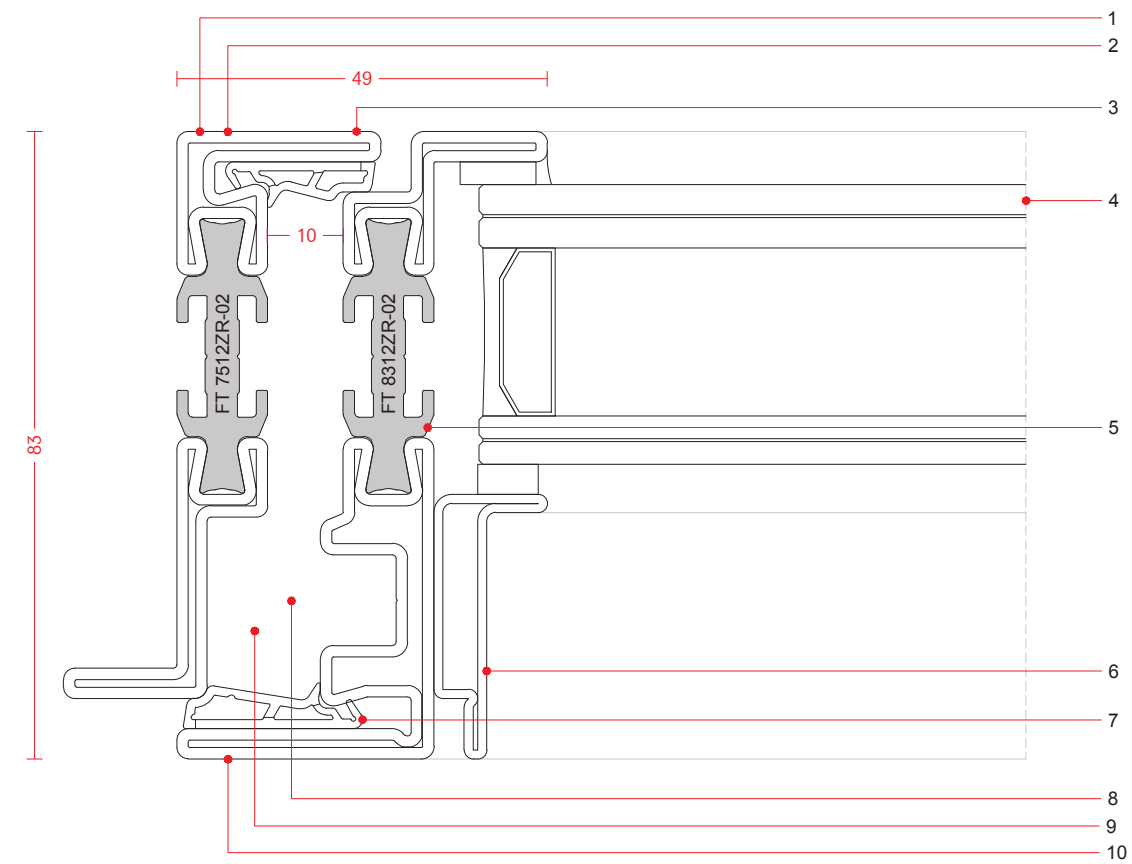
Resistance to wind load
C5 Class- 2000 Pa

EN ISO 10077-1



Heat transfer coefficient*
 $U_w = 1.00 \text{ W/m}^2\text{K}$

*calculated on sample standardized window frame dim. 1230x1480 mm according to the EN 14351-1



drawing scale 1:1

FEATURES

1. cold formed and sharp-edged 1,5 mm thick galvanized steel profiles - high precision production lines
2. continuously laser welded profile, high mechanical performance
3. can be both internally and externally flush or overlapping, or externally flush and internally overlapping
4. profile depth compatible with insulating glass up to 55 mm
5. fiberglass-reinforced polyamide insulator
6. wide choice of glazing beads, rectangular, triangular and double "L" shape
7. EPDM co-extruded sealing gaskets
8. wide choice of specific fittings, including both visible and concealed hinges
9. side-hung, top-hung and bottom-hung windows, tilt and turn, pivoting windows, sliding and folding doors
10. surface finishes in any customized or RAL colours, for a great planning freedom





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DISTINCTIVE METALS

Cold formed steel

Cold-rolled steel profiles - whether bright or galvanized - have a uniform texture, which lends itself well to multiple finishes. Light brushing or blackening can be used as an alternative to traditional painting, and allow a high level of customization of the frame. In interior design, the surfaces can be left natural or simply galvanized, to create industrial-style openings. The corners of cold rolled steel doors and windows are always welded. Depending on the desired visual quality, the welds can be ground flat, left natural or even emphasized by brushing or blackened with special patinas. The Series FerroFinestra W50 TB and FerroFinestra W75 TB are cold rolled in high-precision production lines to ensure perfect windows and doors.

Cor-Ten steel

Cor-Ten is a material of great scenic effect and extraordinary elegance. In recent years, it has become a very popular material for windows and doors, both for restoration and for new buildings. Cor-Ten is a natural, living material that takes on different and unique shades over time and through exposure to the elements. The natural oxidation process can also be controlled chemically, with procedures that reduce natural "bleeding". In order to contain these phenomena, however, it is advisable to plan periodic treatments with applications of suitable waxes or oils. The corners of the frames are suitably welded, and the welding mark can be left natural or ground flat.

Stainless steel

The technical properties and remarkable resistance over time make stainless steel a very popular material used in construction and architecture since 1920. Its exceptional characteristics allow its use even in areas subject to strong environmental aggression, for roofs, curtain walls, doors and windows of very long duration, in almost total absence of maintenance. Appreciated above all for its metallic sheen, stainless steel allows extreme design freedom in terms of surface finishes, such as "black stainless steel", which can be obtained by applying special patinas on the brushed or sandblasted surface. Thanks to its natural and evocative texture, black stainless steel gives windows and doors an exclusive character. The corners of windows and doors made from cold rolled stainless steel profiles are mainly welded and welds are ground flat and polished. The steel chosen by Ottostumm | Mogs in the family products FerroFinestra W75 TB and Mogs 65 TB is considered as the best stainless steel alloy, AISI 316L stainless steel, containing the largest amount of molybdenum. AISI 316L is normally called "marine steel" because it is able to resist corrosion even in a highly salty environment.

Color coated steel

Coating steel, including stainless steel, has a dual function. From a technical point of view it further increases the material's resistance to corrosion, while from a design point of view it allows enormous freedom of choice, enabling the design of the frames to be personalised and fully respond to the architectural style. From the classic black and white colours to the most original and material textures, steel painted in this way combines the refined slenderness of steel profiles with the extraordinary physical and mechanical performance of the material.

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