

# **METALFORM**

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**4F AF Continuous Fire-Resistant Curtain Wall  
EI 30I60I90**

**In corten steel.**

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## 4F AF Continuous Fire-Resistant Curtain Wall EI 30I60I90

**In corten steel.**

Supply and installation of a fire-resistant curtain wall produced with mullions and transoms built with the 4F2 Secco Sistemi 4F AF, featuring fire-resistant characteristics EI 30I60I90, obtained by cold-rolling profiling of Cor-Ten steel (Fe510X) with a thickness of 20/10, in accordance with the eN1049 standard.

The modules are assembled by means of a mechanical joint with alignment holsters and concealed joints, or by continuous welding of the surfaces in contact. The mullions have a visible section of 50 mm and depth options of:

- 100mm
- 120mm
- 150mm
- 180mm

Similarly, the transoms have a visible section of 50 mm and depth options of:

- 100mm
- 120mm
- 150mm
- 180mm

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The covers, supplied in the same finish as the modules, have dimensions of 50x16mm for the mullions and 50x13mm for the transoms and are snapped into the presser. The pressure profile, made of stainless steel, is equipped with two gasket holder channels with constant pitch holes for installation with fixing screws, and it is also spaced from the mullions and transoms, from the glass supports.

The system includes internal and external flush profile seals in EPDM for air tightness, ventilation, water drainage, and ground drainage of condensation water. Intumescent gaskets are installed to protect the areas between the glass and the profiles.

The curtain wall comes complete with glass (maximum 56mm) of the specified type, fixed by means of the aforementioned presser, and spaced from the glass by suitable internal and external flush gaskets. The glass is supported by stainless steel supports fixed to the curtain wall mullions.

The system requires a supporting construction element made of one of the following types of masonry: solid brick, lightened concrete wall, or Ytong cellular block wall.

Surfaces are finished with acid etching, oxidation, passivation, and waxing processes.

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