

Millennium FR Door System with thermal break

This new fire resistant door system that has a fire resistance classification of EI₂60, resolves the security requirements in case of fire, allowing for the compartmentalization in fire sectors in the building and the evacuation of the users.

Comprising of 80 mm section straight line coplanar profiles, 2.2 mm thick and a 35 mm thermal breaking zone, it offers a 60 minute fire resistance time thanks to the utilisation of retardant insulation materials that do not combust in the profile chambers as well as intumescent gaskets that dilate and bio-soluble paper in the glass area.

With a transmission value from 1,4 W/m²K, it reaches unbeatable thermal features and with its large glazing capacity having a free space of 48 mm, it guarantees a maximum acoustic insulation.

Possibility of joining with fixed lights, incorporation of opening gearing with anti-panic function, automatic door closers and handles/hinges officially approved in the sectoring of fires.



Millennium FR Door System with thermal break

Transmittance

Uw from 1,4 (W/m²K)

Please consult typology, dimensions and glass

Acoustic insulation

Maximum glazing: 48 mm.

Maximum acoustic insulation **Rw=38 dBA**

Finishes

Possibility of dual colour

Colour powder coating (RAL, mottled and rough)

Wood effect powder coating

Anti-bacterial powder coating

Anodized

Fire resistance and smoke control

Test carried out according to norms
EN 1364-1:2000 and EN 1634-1:2010



CLASS EI₂60 - C5

Classification according to norm UNE-EN 13501-2:2009+A1:2010
(C5= 200.000 test cycles)

Door test reference 1,35 x 2,35 m. 1 sash
Glass EI60 single glazed 23 to 25 mm.



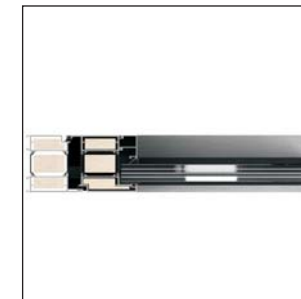
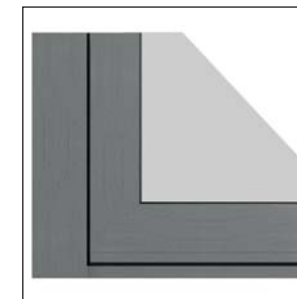
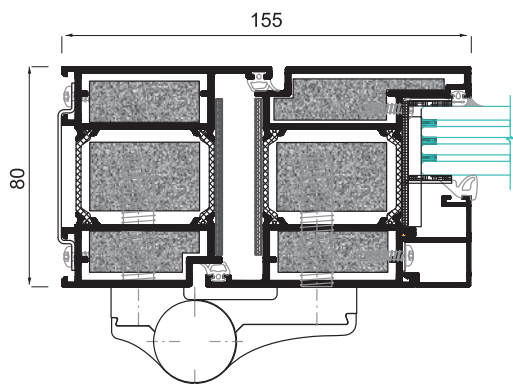
Sections

Frame 80 mm.
Sash 80 mm.

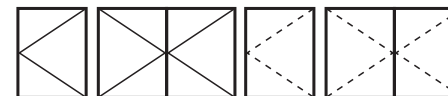
Profile thickness

Door 2,2 mm.

Polyamide strip length 35 mm.



Opening possibilities



Open in: practicable
1 or 2 sashes.
Open Out: practicable
1 or 2 sashes.

Maximum dimensions/sash

Width (L) = 1.500 mm.
Height (H) = 2.600 mm.

Please consult regarding maximum weight and dimensions according to types

Maximum weight/sash

240 Kg.