FIRE-RESISTANT SYSTEMS · STEEL

Steel fire-resistant doors, windows and partitions

Steel-framed glazed separation for demanding building applications.



Forster steel windows hold back flame, smoke and heat for up to 120 minutes. Steel allows slimmer frames and larger panes than other materials, and the frame, glass and seals are tested together.

FIRE RATING	SYSTEM	GLASS	ACOUSTIC
EI 30–120	Forster	6–60 mm	45 STC
Also E and EW classes	Swiss steel profiles	Fire-rated glass thickness	Available up to

Benefits

- **Up to two hours.** The highest glazed fire ratings.
- **Tested as one assembly.** Frame, glass and hardware together.
- **Slim, strong steel.** Larger panes and taller doors.
- **European and American tests.** EN and UL standards.
- **Fire and sound together.** Up to 45 STC with a fire rating.
- **Steel or stainless steel.** Powder coated to any RAL colour.
- **Manufactured in Qatar.** Fabricated and finished in Doha.

Options

Fixed lights · Opening lights · Internal or external · Stainless steel · RAL colour

Technical data

ITEM	SPECIFICATION
System	Forster cold-rolled steel profiles
Fire rating	E, EW and EI · 30 to 120 minutes
Tested to	EN 1634-1 · EN 1364-1 · EN 13501-2
Also to	UL 10C · UL 263
Configuration	Doors, fixed windows and glazed partitions
Frame	Welded corners, concealed fixings
Variants	Thermally broken and non-thermal
Glass	Multi-laminate fire-rated glass, 6 to 60 mm
Acoustic	Up to 45 STC with fire rating
Finish	Powder coat; stainless steel option

Where it is used

Lift lobbies · Corridors and escape stairs · Compartment lines · Atria and lobbies · Offices · Hotels · Hospitals and clinics · Schools and universities · Airport terminals · Stadium concourses · Shopping malls · Residential towers · Basement car parks · Oil and gas buildings · Control rooms · Government buildings · Mixed-use towers · Data centres

Confirm the complete configuration. Ratings apply to the tested assembly and its permitted sizes. Confirm the complete configuration with our team before specification or ordering.

Send us your drawings and specification.

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