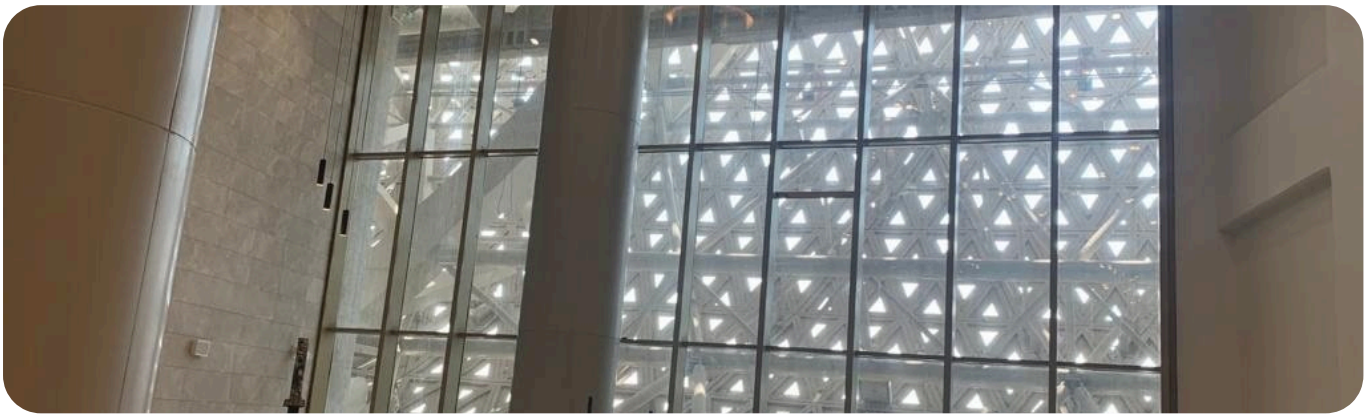
FIRE-RESISTANT SYSTEMS · STEEL

Steel fire-resistant curtain walling

Retain light and visibility where the project requires fire-resistant glazed separation.



A steel mullion and transom curtain wall for the largest fire-rated glazed areas, with ratings up to 120 minutes. The load is carried by the steel structure on the inside, and frame, glass and seals are tested together.

FIRE RATING	SYSTEM	ACOUSTIC	TESTED TO
EI 30–120	Thermfix	45 STC	EN 1364
Also EW 30 to EW 120	Forster	With concurrent fire rating	UL 263, two hours

Benefits

- **Two-hour glazed facades.** Integrity and insulation to EI 120.
- **Tested as one assembly.** Frame, glass and hardware together.
- **Large spans.** Structural steel mullions and transoms.
- **European and American tests.** EN 1364 and UL 263.
- **Fire and sound together.** Up to 45 STC with a fire rating.
- **Single or double glazed.** Glass from several global partners.
- **Manufactured in Qatar.** Fabricated and finished in Doha.

Options

Internal or external · Single or double glazed · Integrated doors · Stainless steel · RAL colour

Technical data

ITEM	SPECIFICATION
System	Forster Thermfix
Fire rating	EW 30 to EW 120 · EI 30 to EI 120
Tested to	EN 1364-3 / -4 · EN 13501-2
Also to	UL 10C · UL 263, two hours
Construction	Insulated mullion and transom, dry glazed
Frame	Cold-rolled steel, welded corners
Glass	Fire-rated, single or double glazed
Acoustic	Up to 45 STC with fire rating
Doors	Compatible fire-rated doorsets
Finish	Powder coat; stainless steel option

Where it is used

Atria · Lobbies · Stadium concourses · Airport terminals · Hotel facades · Corporate headquarters · Mixed-use towers · Hospitals · Schools and universities · Refineries · Petrochemical plants · Oil and gas buildings · Compartment lines · Escape stairs · Government buildings

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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