BLAST-RESISTANT SYSTEMS · STEEL

Blast-resistant facades and glazed screens

Protective glazing integrated with the architecture and supporting structure.



A steel curtain wall that resists blast and keeps the glass in place. It comes from the same system family as our blast windows and doors, so a whole elevation is designed to one blast load.

CLASSIFICATION	OVERPRESSURE	DESIGN CODE	GLASS
EPR1	100 psi	UFC	Laminated
EN 13123 / EN 13124	Steel systems, up to	3-340-02	Specified to the blast load

Benefits

- **Tested as one assembly.** Frame, glass and hardware together.
- **Matched to your blast study.** Glass and fixings to the load.
- **Slim steel sightlines.** Narrow mullions and transoms.
- **One system family.** Matching windows, doors and facades.
- **Built for the Gulf climate.** Thermally broken steel.
- **Keeps the glass in the frame.** Laminated blast glass, retained.
- **Manufactured in Qatar.** Fabricated and finished in Doha.

Options

External facades · Internal screens · Integrated doors · Fire rating on request · RAL colour

Technical data

ITEM	SPECIFICATION
System	Forster thermally broken steel
Blast class	EPR1 · EN 13123 / EN 13124 (shock tube)
Overpressure	Up to 100 psi, to project load
Design method	UFC 3-340-02 for project blast loads
Configuration	Facades, curtain walling and glazed screens
Frame	Cold-rolled steel, welded corners
Glass	Multi-laminate blast-resistant glass
Glass build-up	Thickness and interlayer to threat level
Hardware	Tested as part of the assembly
Anchorage	To concrete or structural steel
Finish	Polyester powder coat or PVDF
Test evidence	Reports and certificates, on request

Where it is used

Control rooms and control buildings · Refineries and gas plants · LNG and export terminals · Petrochemical plants · Process and compressor buildings · Substations and power plants · Site offices and laboratories · Government and ministry buildings · Embassies and consulates · Defence and military facilities · Police and security buildings · Guard houses and gatehouses · Airports and ports · Data centres · Banks and cash centres · Hospitals · Safe rooms and shelters · Critical infrastructure

Confirm the complete configuration. Ratings apply to the tested assembly and its permitted sizes. Blast loads and supporting structure are confirmed for each project before ordering.

Send us your drawings and specification.

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