GLASSCON
PREMIUM ARCHITECTURAL BUILDING SKINS

FIRE RESISTANT, SMOKE PROOFING & SMOKE EXHAUST SYSTEMS

German quality   Global mentality

On the Safe Side

Innovative fire resistant frame & glazing systems

RELIABLE FIRE SAFETY SYSTEMS

The new introduced Euroclass system, EN 13501, sets a classification system for both 'Reaction to Fire' and 'Resistance to Fire' performance of building materials and applies to all EU member states.

GLASSCON offers complete EPC solutions for full frame and glass systems with fire resistance and smoke proofing properties as well as smoke exhaust systems providing a wide selection of applications (Curtain walls, doors, windows, sliding doors, butt-joint glazing, fixed glazing and glass floors) for internal or external areas.

SYSTEM PROPERTIES

🔥	Fire-rated 30-120 minutes | Smoke proofing
🪟	Minimal Design | Very narrow sightlines, complete integration
⊥	Durability | Stainless Steel & Aluminum Frames
🔒	Security | Bullet, Burglary or Impact Resistance
☂	Thermal, Weather Resistance
🔊	Acoustic Performance
✓	CE marking in accordance with EN 1634-3 and EN-13501-2.

Fire Resistance

Smoke Proofing

Smoke Exhaustion

A WIDE RANGE OF FIRE SAFETY SYSTEMS

GLASSCON 's passive fire protection systems consist of fire resistance doors and screenings (varying from E to EI), smoke proofing curtain walls and doors and smoke exhaust louvered windows and vents.

EUROPEAN FIRE RESISTANCE CLASSIFICATION SYSTEM

SYSTEMS	E					EW					EI				
(tt)	30	45	60	90	120	30	45	60	90	120	30	45	60	90	120
Doors	•	•	•	•	•	•	•	•			•	•	•	•	•
Sliding Doors											•				
Curtain walls	•	•	•	•		•	•	•			•	•	•	•	
Minimal frame											•	•			

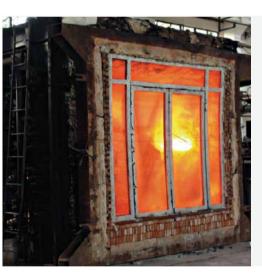|			
Fire rating (tt)	•		
Smoke resistant			

E Class – Integrity
Prevents the spread of flames, toxic gases and smoke to the non-fire side.

EW Class – Integrity & Low Radiation
Prevents the spread of flames and controls the heat radiation transmission to the non-fire side.

EI Class – Integrity & Insulation
Prevents the spread of flames and the heat radiation transmission to the non-fire side.

PROTECTION AND SAFETY

All our products have been tested and certified in accordance with EN 1634-3 and EN-13501-2. All of our PFP systems are subjected to specific test procedures by accredited testing laboratories ("Notified Bodies") to ensure full compliance with the respective national building fire codes and European standards.

GLASSCON

PREMIUM ARCHITECTURAL BUILDING SKINS

Certified / Approved by:

TÜV NORD

RCS