



em.glaze™

fr30 glass

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Fire-rated flat glass rooflights – 30 minutes internal and external fire resistance.

Fire-Resistant Glazed Rooflight

The em.glaze FR30 adds life-saving fire resistance to all the benefits of the industry-favourite em.glaze modular rooflight range.

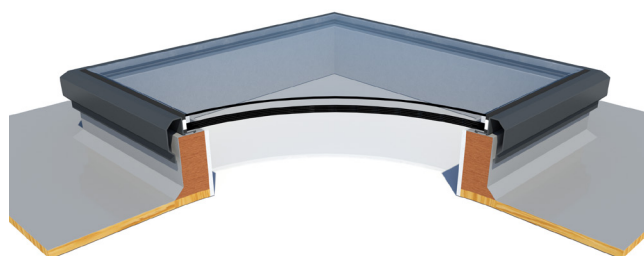
It's a unique product on the UK market: a flat glass rooflight with 30 minutes' certified resistance against both internal and external fires. So, it's perfect for daylighting over flat roofs suitable for fire escape routes, and to protect people and property inside against external conflagration.

This EN1364-2:199-certified rooflight is available in 3–4 weeks in a range of sizes up to 1200mm x 1800mm.

Reassuringly Safe

The EN1364-2:1999 classification involves challenging simulated tests. The em.glaze FR30 was subjected to fire conditions with temperatures reaching 600°C after 5 minutes and 840°C after 30 minutes. The rooflight withstood this for more than 30 minutes, with heat transfer kept under the allowable 180°C and whilst maintaining a completely sealed unit preventing harmful gases or smoke escaping through the rooflight.

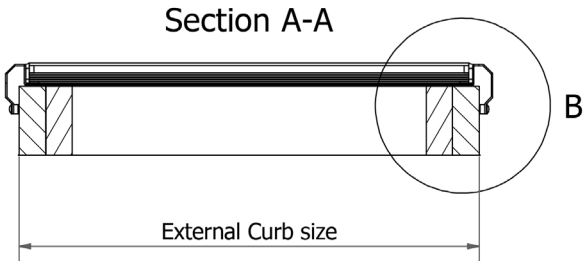
The secret to this outstanding performance is its construction: a 19mm fire resistant laminated pyro-glass inner pane and 6mm toughened glass outer pane, held securely within a well-engineered steel frame.



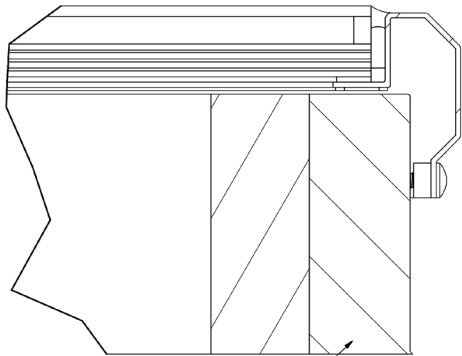
Features & Benefits

- Up to 30 minutes' resistance to internal and external fires
- Maximises daylight without compromising escape route safety
- Approved Document B compliant and certified to EN1364-2:199 for integrity, insulation and radiation
- Light transmission at 70%
- Thermal insulation performance of 1.4W/m²K
- Acoustic rating of 43dB
- Class 2 Non-fragile – exceeds CWCT – TN92 requirements
- Available in a range of sizes (maximum certified size 1800mm x 1200mm)

Drawings



Detail B



Upstand to be constructed by others
in accordance with correct specifications
for fire resistance and local building regulations