



DATA SHEET

PYROBEL 16/16EG

Pyrobel 16 multi-laminated glass is assembled with clear intumescent interlayers, which turn into a rigid and opaque fire shield at around 120°C, meeting the integrity criterion of EN 1363.

TECHNICAL INFORMATION

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|--|---------------------------|----------------------------------|
| Fire Classification | EI30/30* EI60/30* | EI30/30* EI60/30* |
| Glazing Type | Single | Single |
| Grade | Internal | External |
| Thickness | 17.3 mm | 21.1 mm |
| Thickness Tolerance | ±1 mm | ±1.5 mm |
| Weight | 40 kg/m ² | 48 kg/m ² |
| Dimensional Tolerance | ±2 mm | ±2 mm |
| Light Properties (EN 410) | 85/8 | 84/8 |
| U Value (EN 673) | 5.4 W/(m ² .K) | 5.2 W/(m ² .K) |
| Safety Rating (EN 14449) | Class 2(B)2 | Class 1(B)1 |
| Sound Reduction (EN 12758): R _w (C, C _{tr}) | 39 dB (-1;-3) | 39 dB (-1;-3) (P2A to EN 356) |

* DEPENDANT ON GLAZING SYSTEM AND SIZE.

30/30

KEY FEATURES

- Fire resistant EI60/30 dependent on application
- 60 minutes Integrity/30 minutes Insulation
- Interior and exterior use dependant on glass type
- Glazing integrity criterion EN 1363
- Multi-laminated

SUITABLE APPLICATION

- Can be used in fire tested timber, steel and aluminium systems.
- Can be used in Butt jointed glazing systems.

STORAGE AND HANDLING

-  Must be handled with care during transportation, storage, inspection and installation. Store in a dry place.

 If you need help, please email: technical@fireglassuk.com

 CERTIFIRE REF: CF377



FIRE RESISTANT GLASS MUST ONLY BE USED AS PART OF AN APPROPRIATELY APPROVED GLAZING SYSTEM.

PLEASE MAKE SURE THE GLASS YOU USE IS SUITABLE FOR THE APPLICATION. IF IN DOUBT SPEAK TO OUR TECHNICAL DEPARTMENT: TECHNICAL@FIREGLASSUK.COM

ACCREDITATION & CERTIFICATION

