



## 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

	16	16EG
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 <sup>2</sup>	48 kg/m <sup>2</sup>
Dimensional Tolerance	±2 mm	±2 mm
Light Properties (EN 410)	85/8	84/8
U Value (EN 673)	5.4 W/(m <sup>2</sup> .K)	5.2 W/(m <sup>2</sup> .K)
Safety Rating (EN 14449)	Class 2(B)2	Class 1(B)1
Sound Reduction (EN 12758): R <sub>w</sub> (C, C <sub>tr</sub> )	39 dB (-1;-3)	39 dB (-1;-3) (P2A to EN 356)

\* DEPENDANT ON GLAZING SYSTEM AND SIZE.

### 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](mailto: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](mailto:technical@fireglassuk.com)



Glass and Glazing Federation

