

DATASHEET

Pyrobelite 12 / 12EG



Pyrobelite 12 laminated glass is assembled with clear intumescent interlayers. These layers turn into rigid and opaque fire shields at around 120°C. This helps keep the heat radiation to a very low and safe level, meeting the integrity criterion of EN 1363.

Technical Data

	PYROBELITE 12	PYROBELITE 12 EG
Fire Classification	EW60	EW60
Glazing Type	Single	Single
Grade	Internal	External
Thickness	12.3 mm	16.1 mm
Thickness Tolerance	± 1 mm	± 1 mm
Weight	27 kg/m ²	35 kg/m ²
Dimensional Tolerance	± 2 mm	± 2 mm
Light Properties (EN 410)	86/8	85/8
U value (EN 673)	5.6 W/(m ² .K)	5.4 W/(m ² .K)
Safety Rating (EN 14449)	Class 2(B)2	Class 1(B)1
Sound Reduction (EN 12758): R _w (C, C _v)	36 dB (-1; -3)	38 dB (-1; -3)

Key Features

- ✓ Fire resistant EI 20/EW60
- ✓ 60 minutes Integrity/20 minutes Insulation
- ✓ Interior and exterior use dependant on glass type
- ✓ Low Radiation Glass
- ✓ Steel & Timber applications
- ✓ Glazing integrity criterion EN 1363



For more information about our products, give us call us on **0121 521 2180** or visit **www.fireglassuk.com**

NATIONWIDE BRANCHES

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