

PYROBEL 53
FIRE RATING:
120 MINUTES INTEGRITY/120 MINUTES INSULATION

DESCRIPTION

Pyrobel is a multi-laminated glass assembled with clear intumescent interlayers. In the event of fire, these interlayers expand at around 120 °C and transform into a rigid and opaque fire shield, which enables the glazing to meet the integrity and insulation criteria, according to BS 476: Part 22: 1987.

TECHNICAL DATA

SPECIFICATION & IDENTIFICATION	PYROBEL 53 EI120 AGC	PYROBEL 53EG EI120 AGC
Glazing Type	Single	Single
Grade	Internal	External
Nominal Thickness	52,5 mm	56,2 mm
Thickness Tolerance	± 3 mm	± 3 mm
Weight	122 kg/m ²	130 kg/m ²
Dimension Tolerance	± 3 mm	± 3 mm
Light Transmission (EN410)	72 %	71 %
U _g Value (EN673)	4.5 W/(m ² .K)	4.3 W/(m ² .K)
Safety Rating (BS 6206) (EN12600)	Class A 1B1	Class A 1B1
Sound Reduction Rw Index (EN12758)	45 dB	46 dB

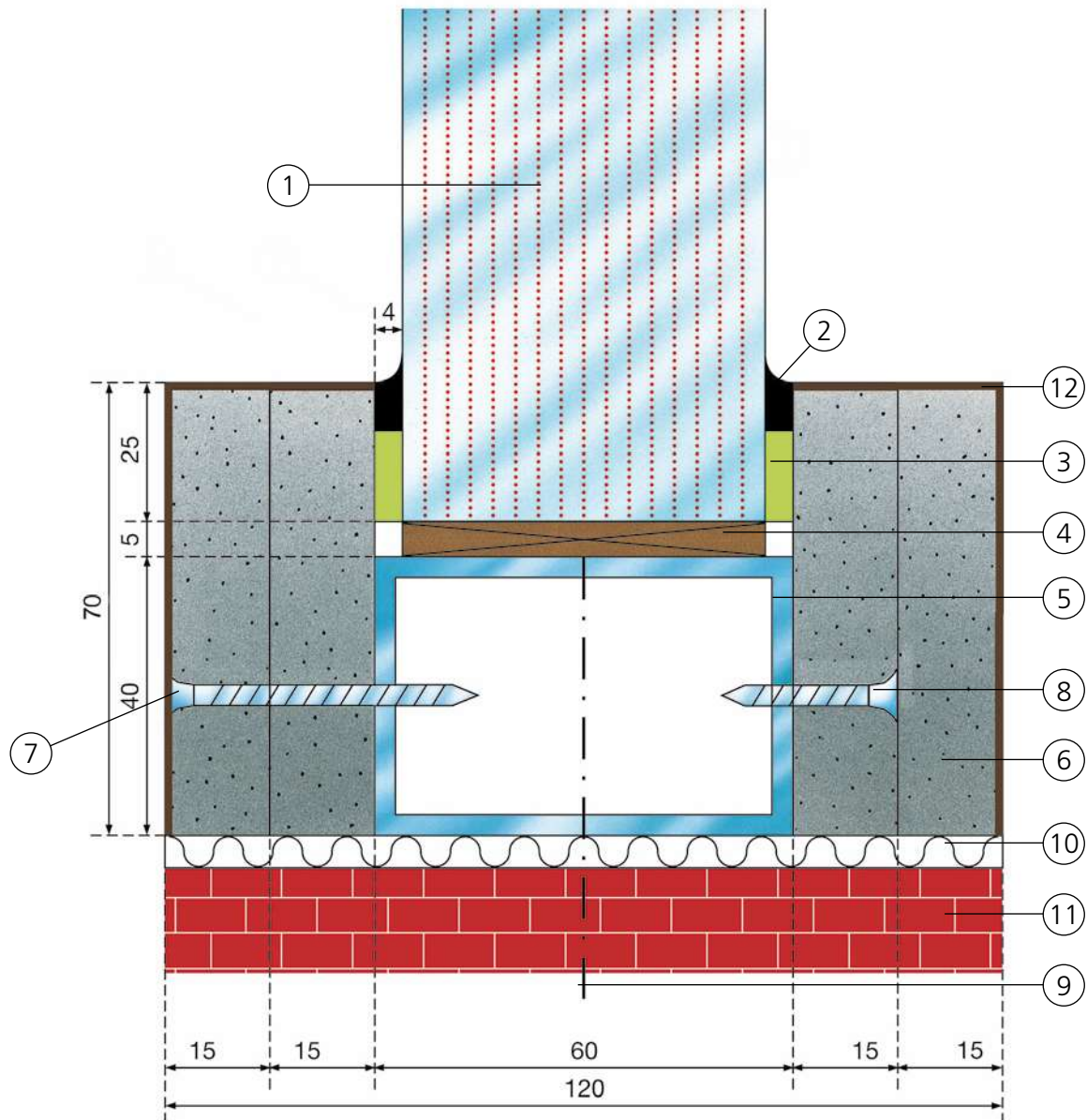
APPLICATIONS AND CERTIFICATION ACCORDING TO BS 476:PART 22:1987

APPLICATIONS	MAXIMUM DIMENSIONS (*) (Width x Height)	GLASS TYPE	CERTIFICATION
Steel Screens	1300 x 2700 mm 2100 x 1100 mm	Pyrobel 53 & 53EG	Certifire CF377

(*) For alternative dimensions within pane area please consult AGC Flat Glass Europe

PYROBEL 53

(dimensions in mm)



REPORT CERTIFIRE CF377

- | | |
|-------------------------------|----------------------------|
| 1 Pyrobel 53 | 7 Steel screws 50 x 3,5 mm |
| 2 Neutral silicone | 8 Steel screws 40 x 3,5 mm |
| 3 Foam tape with closed cells | 9 Steel screws 112 x 10 mm |
| 4 Setting block | 10 Ceramic wool |
| 5 Steel tube 60 x 40 x 3 mm | 11 Wall |
| 6 Calcium silicate | 12 Aluminium profile |

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Diagrams for illustration purposes only. For full glazing details please refer to the relevant test report.

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GLASS UNLIMITED

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