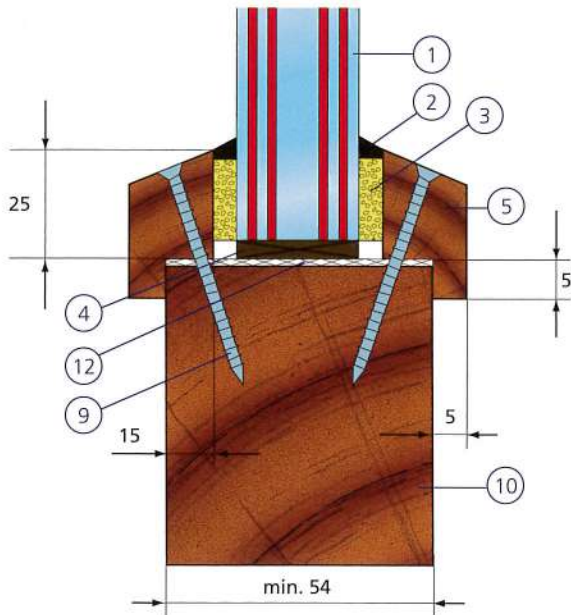


# PYROBEL 25

FIRE RATING: 60 MINUTES INTEGRITY / 60 MINUTES INSULATION

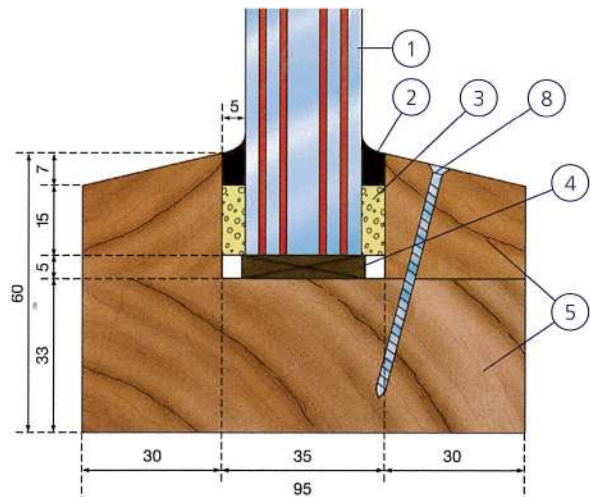
(dimensions in mm)

Timber Doorset



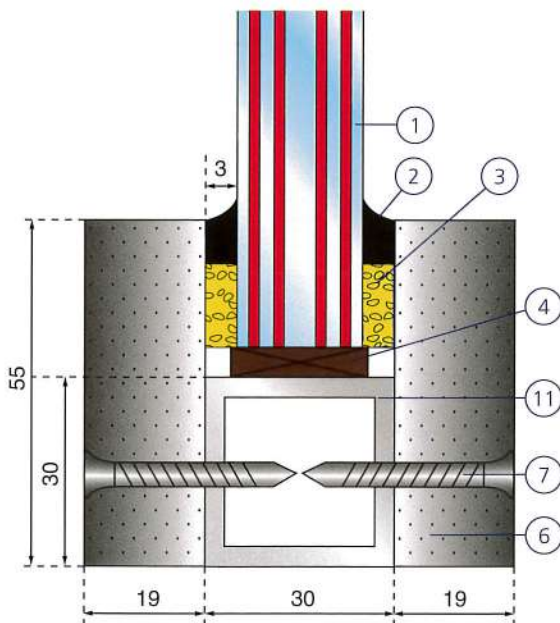
REPORT CHILTERN CHILT/A05178

Timber Screen



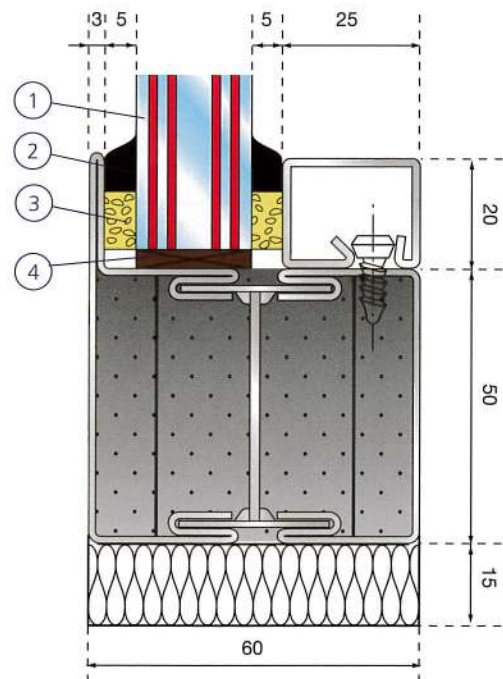
REPORT CERTIFIRE CF377

Steel Screen



REPORT CERTIFIRE CF377

Steel Screen - Jansen Janisol 3



REPORT CERTIFIRE CF377

- 1 Pyrobel 25
- 2 Neutral silicone
- 3 Foam tape with closed cells
- 4 Setting block
- 5 Hardwood
- 6 Calcium Silicate

- 7 Steel screws 35 x 4 mm at 250 mm centres
- 8 Steel screws 50 x 4 mm at 250 mm centres
- 9 Steel screws 60 x 4 mm
- 10 Wood or other approved constructions
- 11 Steel tube 30 x 30 x 3 mm
- 12 Therm-A-Strip 2 mm thick

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

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## PYROBEL 25

**FIRE RATING:**  
**60 MINUTES INTEGRITY / 60 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 25 EI60 AGC	Pyrobel 25EG EI60 AGC	Pyrobel 25 or 25EG EI60 AGC
Glazing Type	Single	Single	Double Glazed
Grade	Internal	External	External
Nominal Thickness	26,6 mm	30,4 mm	a) 6/12/Pyrobel 25EG = 48,4 mm b) 6.8/12/Pyrobel 25 = 45,4 mm
Thickness Tolerance	± 2 mm	± 2 mm	± 3 mm
Weight	60 kg/m <sup>2</sup>	68 kg/m <sup>2</sup>	a) 83 kg/m <sup>2</sup> b) 76 kg/m <sup>2</sup>
Dimension Tolerance	± 2 mm	± 2 mm	± 3 mm
Light Transmission (EN410)	81 %	80 %	71 %
Ug Value (EN673)	5.2 W/(m <sup>2</sup> .K)	5.0 W/(m <sup>2</sup> .K)	2.6 W/(m <sup>2</sup> .K)
Safety Rating (BS6206) (EN12600)	Class A 1B1	Class A 1B1	Class A (*) a) NPD / 1B1 b) 1B1 / 1B1
Sound Reduction Rw index (EN12758)	40 dB	43 dB	44 dB (estimated)

(\*) On Pyrobel or 6.8 laminated glass side  
NPD = No Performance Determined

### APPLICATIONS AND CERTIFICATION according to BS 476:PART 22:1987

APPLICATIONS	MAXIMUM DIMENSIONS (*) (Width x Height)	GLASS TYPE	CERTIFICATION
Timber Doorsets (Certifire & Q-Mark approved)	710 x 1830 mm	Pyrobel 25 & 25EG	Certifire CF377 Chiltern Chilt/A05178
Timber Screens	1658 x 2874 mm 2283 x 2000 mm	Pyrobel 25, 25EG & Double Glazed	Certifire CF377
Steel Doorsets - RP Technik Isofeu 60 or Certifire approved	988 x 2900 mm 1282 x 2300 mm	Pyrobel 25 & 25EG	Certifire CF377
	898 x 2875 mm 1122 x 2300 mm	Pyrobel 25 & 25EG Double Glazed	Certifire CF377
Steel Screens - Calcium silicate insulated steel frame or Certifire approved	1300 x 2300 mm 2615 x 1500 mm	Pyrobel 25 & 25EG	Certifire CF377
Steel Screens - Forster Fuegolight	1400 x 2900 mm 1750 x 2700 mm	Pyrobel 25 & 25EG	Certifire CF377
Steel Screens - Jansen Janisol 3	1600 x 2900 mm	Pyrobel 25 & 25EG	Certifire CF377
Steel Screens - Forster Thermfix Vario, Jansen VISS or Certifire approved	1875 x 2900 mm 2900 x 1082 mm	Pyrobel 25 & 25EG Double Glazed	Certifire CF377
Aluminium Screens - Sapa SFB 3074 or Schüco Firestop II	1425 x 2700 mm	Pyrobel 25 & 25EG	Certifire CF377
Aluminium Screens - Schüco Firestop II	1404 x 2686 mm	Pyrobel 25 & 25EG Double Glazed	Certifire CF377

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