

# PYROBEL EI45/17

## FIRE RATING

60 MINUTES INTEGRITY

45 MINUTES INSULATION

## DESCRIPTION

Pyrobel is a multi-laminated glass assembled with clear intumescent interlayers.

In case 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 EN 1363.

## PERFORMANCES

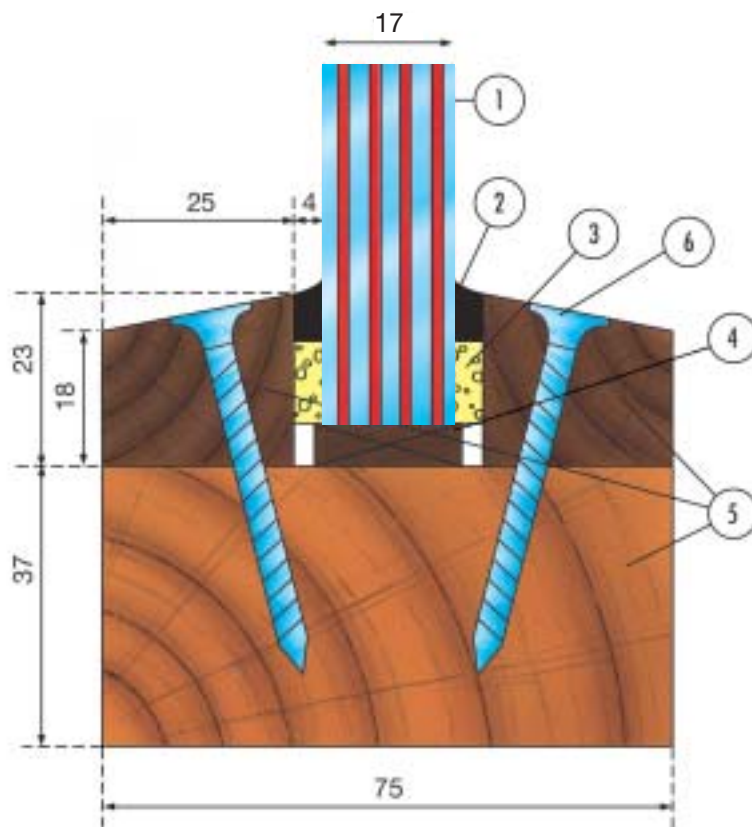
Glazing type	Single	Single	Double
Grade	Internal	External	External
Thickness	17 mm	21 mm	6-12-21 = 39 mm
Thickness tolerance	±2 mm	±2 mm	±2 mm
Weight	37 kg/m <sup>2</sup>	45 kg/m <sup>2</sup>	63 kg/m <sup>2</sup>
Maximal tested size	1200 x 2300 mm	1200 x 2300 mm	1200 x 2300 mm
Minimal available size	no minimum	no minimum	200 x 400 mm
Dimension tolerance	± 2 mm	± 2 mm	± 3 mm
Light transmission	84%	83%	74%
U-value	5.2 W/m <sup>2</sup> .K	5.0 W/m <sup>2</sup> .K	2,7 W/m <sup>2</sup> .K
Safety rating (EN 12600)	2B2	1B1	1B1 (*)
Sound reduction (ISO 717 R <sub>w</sub> Index)	41 dB	40 dB	42 dB
	Pyrobel EI45/17 Glaverbel	Pyrobel EI45/17 EG Glaverbel	Pyrobel EI45/17 DGU Glaverbel
(*) Pyrobel side			

## SUMMARY OF FIRE TEST REPORT ACCORDING TO EN 1363

Institute			
Test report / Assessment			
Date			
Framework			
Maximum glass size			
Integrity			
Insulation			
Institute			
Test report / Assessment			
Date			
Framework			
Maximum glass size			
Integrity			
Insulation			

# PYROBEL EI45/17

- 1 - Pyrobel EI45/17
- 2 - Neutral silicone
- 3 - Foam tape with closed cells
- 4 - Setting block
- 5 - Hardwood
- 6 - Steel screws 50 x 4 mm at 250 mm centres



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