

Classification – E 60



E = Integrity

Ability to withstand fire exposure without transmission of fire to the non-fire side as a result of the passage of flames or hot gases, thereby causing ignition of the non-fire exposed surface or materials adjacent.

Technical Specifications

Fire resistance

Fire resistance	E 60 (EN 13501-2)
Reaction to fire	A1 (EN13501-1)
Impact resistance	1(C)1 (EN 12600)
Application conditions	See Vetrotech Quality and Application Guidelines
Certificate of constancy of performance	0336-CPR-5064F - AVCP System 1
Hazardous material contained	None
Dimensional tolerances (width/height)	≤1000mm: -1/+2mm ≤2000mm: -1/+2.5mm >2000mm: -1/+3mm

Product / CE / DoP-Code

Product / CE / DoP-Code	X7000016		
Nominal thickness	6 mm	8 mm	10 mm
Maximum glass size	1300 x 2300 mm	1300 x 2300 mm	**
Thickness tolerance	+0.2 / -0.2 mm	+0.3 / -0.3 mm	+0.3 / -0.3 mm
Weight	15.0 kg/m ²	20.0 kg/m ²	25.0 kg/m ²
Sound reduction Rw (EN 140-3)	32 (-2, -2) dB	34 (-1, -3) dB	36 (-2, -3) dB
Light transmission (EN 410)	89%	89%	88%
Light reflection pL.ext./int. (EN 410)	8% / 8%	8% / 8%	8% / 8%
U value, W/m ² K (EN 673)	5.7 W/m ² K	5.6 W/m ² K	5.6 W/m ² K
g value (EN 410)	0.85	0.83	0.82
Energy transmission tE (EN 410)	83%	81%	78%

*Valid for products manufactured at the 'World Glass Complex' of Saint-Gobain India Pvt. Ltd. - Vetrotech Business
Shapes: dimensional tolerance may vary +1mm

** Based on Certification; Please get in touch with Vetrotech representative for more information

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