

CONTRAFLAM® STRUCTURE 120-5

Fire resistant laminated safety glass for interior application



Classification



EI = Insulation

Ability to withstand fire exposure without transmission of fire to the non-fire side as a result of the passage of flames, hot gases or significant conduction of heat, thereby causing ignition of the non-fire exposed surface or materials in contact, and provides a barrier to heat to protect people.

Technical Specifications

Fire resistance

Reaction to fire	A2-s1, d0 (EN 13501-1)
Impact resistance	1(B)1 (EN 12600)
UV stability / Durability	Extended exposure time of 5000 hrs UV versus normative 2000 hrs* (*EN ISO 12543-4)
Application conditions	See Vetrotech Quality and Application Guidelines
Certificate of constancy of performance	0336-CPR-5064C/IL - AVCP System 1
Hazardous material contained	None
Dimensional tolerances (width/height)	≤1000 mm: -1 / +2 mm ≤2000 mm: -1 / +2.5 mm >2000 mm: -1 / +3 mm

EI120 (EN 13501-2)

Product / CE / DoP-Code

Nominal thickness	52 mm
Maximum glass size	1500 x 3000 mm
Thickness tolerance	+3 / -3 mm
Weight	111.5 kg/m ²
Sound reduction Rw (EN 140-3)	48 (-2, -4) dB
Light transmission (EN 410)	74%
Light reflection pL ext./int. (EN 410)	10% / 10%
U value, W/m ² K (EN 673)	3.4
g value (EN 410)	0.57
Energy reflection pE (exterior/interior)	8% / 8%
Energy transmission tE (EN 410)	46%

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Additional Information

Valid for products manufactured at the 'World Glass Complex' of Saint-Gobain India Pvt. Ltd. - Vetrotech Business