

CONTRAFLAM 90-4

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.

AVAILABLE OPTIONS



- + Alarm
- + EMS shielding
- + Protection



- + Coloring
- + Digital printing
- + Matt finished
- + Screen printing
- + Shapes



- + Climate control
- + Dynamic privacy
- + Extra clear
- + Noise control
- + Screen



- + Double glazing
- + Self-cleaning
- + Solar control
- + Tinting
- + Triple glazing

Contact us to personalize your solution to meet your project requirements.

TECHNICAL SPECIFICATIONS

Fire resistance	EI 90 (EN 13501-2)
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	Avoid prolonged exposure to elevated temperatures. 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

Product / CE / DoP-Code	Y7229544	Y7229556	Y7229563	Y7229561
Nominal thickness	40 mm	43 mm	45 mm	48 mm
Maximum glass size	1500 x 3000 mm	1500 x 3000 mm	1500 x 3000 mm	1500 x 3000 mm
Thickness tolerance	+3 / -3 mm	+3 / -3 mm	+3 / -3 mm	+3 / -3 mm
Weight	82.0 kg/m ²	89.5 kg/m ²	94.5 kg/m ²	102.0 kg/m ²
Sound reduction Rw (EN 140-3)	46 (-2, -3) dB	NPD	NPD	NPD
Light transmission (EN 410)	81%	80%	80%	79%
Light reflection pL ext./int. (EN 410)	10% / 10%	10% / 10%	10% / 10%	10% / 10%
U value, W/m ² K (EN 673)	3.6	3.6	3.5	3.2
g value (EN 410)	0.64	0.63	0.63	0.62
Energy transmission tE (EN 410)	56%	55%	54%	52%

Products with PVB laminated interlayers are available, if required by projects or national regulation.
Shapes: dimensional tolerances may vary +1 mm.
DoP: Declaration of Performance - available upon request from your sales office.
NPD: No Performance Determined

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Product characteristics are subject to change without notice and may vary depending on manufacturing size and composition.
Available options are dependent on product type and application. Contact your Vetrotech representative for further support.

