

CONTRAFLAM STRUCTURE 90

Fire resistant 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 (EN13501-1)
Impact resistance	1(B)1 (EN 12600)
UV stability	Yes (EN ISO 12543-4), no formation of bubbles or yellowing after 2000 hours of exposure to radiation.
Application conditions	Avoid prolonged exposure to elevated temperatures. See Quality Guideline, Application Instructions.
Certificate of constancy of performance	0336-CPR-5064C/IL - AVCP System 1
Hazardous material contained	None
Assembly	According to the installation guideline
Dimensional tolerances (height/width)	≤1000 mm: -1/+2 mm ≤2000 mm: -1/+2.5 mm >2000 mm: -1/+3 mm

Product / CE / DoP-Code	Y7229774	Y7229775
Nominal thickness	45 mm	52 mm
Maximum glass size	1500 x 3000 mm	1500 x 3000 mm
Thickness tolerance	+3 / -3 mm	+3 / -3 mm
Weight	94.5 kg/m ²	112.0 kg/m ²
Sound reduction Rw (EN 140-3)	47 (-2, -3) dB	47 (-2, -3) dB
Light transmission (EN 410)	80%	78%
Light reflection pL ext./int. (EN 410)	10% / 10%	10% / 10%
U value, W/m ² K (EN 673)	3.5	3.2
g value (EN 410)	0.63	0.6
Energy transmission tE (EN 410)	54%	50%

Shapes: dimensional tolerances may vary +1 mm.
DoP: Declaration of Performance - you can request a DoP from your sales office