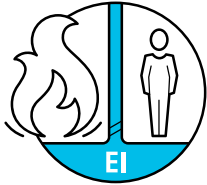


# CONTRAFLAM® 90-4

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 or 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

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
Dimensional tolerances (height/width)	≤1000mm: -1/+2mm   ≤2000mm: -1/+2.5mm   >2000mm: -1/+3mm

### EI 90 (EN 13501-2)

### Product

Nominal thickness	40mm
Maximum glass size	Based on Certification; Please get in touch with Vetrotech representative for more information
Thickness tolerance	+3 / -3 mm
Basic glass	Planilux India
Weight	82 kg/m <sup>2</sup>
Sound reduction Rw (EN 140-3)	46 (-2, -3) dB
Light transmission (EN 410)	78%
Light reflection pL ext./int. (EN 410)	10% / 10%
U value (EN 673)	3.6 W/m <sup>2</sup> K
g value (EN 410)	0.61
Energy transmission tE (EN410)	51%

### CONTRAFLAM 90-4

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