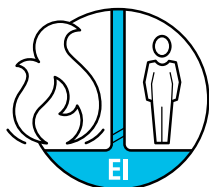


# CONTRAFLAM 60-3 Climaplus

Fire resistant safety glass for exterior 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



+ Floors  
+ Protection



+ Colouring  
+ Digital Printing  
+ Matt finished  
+ Screen printing  
+ Shapes



+ Extra Clear  
+ Noise control



+ Double glazing  
+ Solar control  
+ Tinting

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

## TECHNICAL SPECIFICATIONS\*

### Fire Resistance

Reaction to fire	B-s1, d0 (EN 13501-1)
Impact Resistance	1(C)2/1(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-5064D - AVCP System 1
Hazardous material contained	None
Dimensional tolerances (height/width)	≤ 1000 mm: -1/+3 mm   ≤ 2000 mm: -1/+ 3.5 mm   > 2000 mm: -1/+ 4mm

### EI 60 (EN 13501-2)

### Product

	CONTRAFLAM 60-3 CLIMAPLUS		
Nominal thickness	45 mm	45 mm	45 mm
Basic Glass	Planilux India	Planilux India	Planilux India
Maximum glass size	1500 mm x 3000 mm	1500 mm x 3000 mm	1500 mm x 3000 mm
Thickness tolerance	+3 mm / - 3 mm	+3 mm / - 3 mm	+3 mm / - 3 mm
Weight	73.5 kg/m <sup>2</sup>	73.5 kg/m <sup>2</sup>	73.5 kg/m <sup>2</sup>
Glass 1 (exterior)	6 mm Tempered + SKN 154 (Low-e coating)	6 mm Tempered + SKN 165 (Low-e coating)	6 mm Tempered + SKN 176 (Low-e coating)
Spacer	12 mm Air	12 mm Air	12 mm Air
Glass 2 (interior)	27 mm CONTRAFLAM 60-3	27 mm CONTRAFLAM 60-3	27 mm CONTRAFLAM 60-3
Sound reduction Rw (EN 140-3)	42 (-2, -6) dB	42 (-2, -6) dB	42 (-2, -6) dB
Light transmission (EN 410)	47%	55%	63%
Light reflection pL ext./int. (EN 410)	18% / 21%	17% / 18%	14% / 15%
U value, W/m <sup>2</sup> K (EN 673)	1.4	1.4	1.4
g value (EN 410)	0.27	0.33	0.36
Energy transmission tE (EN 410)	22%	27%	30%

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