

CONTRAFLAM LITE 120 Climaplus

Fire resistant safety glass for exterior application

CLASSIFICATION



Radiation Reduction

Ability to withstand fire exposure without transmission of fire to the non fire side as a result of passage of flames, hot gases or significant conduction of heat, thereby causing ignition of the non-fire exposed surface or materials adjacent. Also maintains radiated heat in front of the glazing below a specified level to provide for safe separation distances and escape ways.

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

EW 120 (EN 13501-2)

Product

	CONTRAFLAM LITE 120 CLIMAPLUS		
Nominal thickness	32 mm	32 mm	32 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 / - 2 mm	+3 mm / - 2 mm	+3 mm / - 2 mm
Weight	46 kg/m ²	46 kg/m ²	46 kg/m ²
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)	14 mm CONTRAFLAM LITE 120	14 mm CONTRAFLAM LITE 120	14 mm CONTRAFLAM LITE 120
Sound reduction Rw (EN 140-3)	38 (-2, -5) dB	38 (-2, -5) dB	38 (-2, -5) dB
Light transmission (EN 410)	49%	58%	66%
Light reflection pL ext./int. (EN 410)	18% / 22%	17% / 18%	13% / 15%
U value, W/m ² K (EN 673)	1.5	1.5	1.5
g value (EN 410)	0.28	0.34	0.37
Energy transmission tE (EN 410)	23%	29%	32%

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