

CONTRAFLAM 120-4/5 IGU

Fire-Rated Clear Tempered Safety Glass

CLASSIFICATION



Fire Resistive

This glass product can withstand fire exposure to the non-fire side and protects from flames, smoke, hot gases and radiant heat.



Impact Safety

Impact safety rated to meet the highest human impact safety ratings.



Hose Stream

This protect has passed the hose stream test.

AVAILABLE OPTIONS



- + Protection
- + Clear view



- + Extra clear
- + Noise Control
- + Climate control
- + Screen



- + Coloring
- + Digital printing
- + Matte finish (for US)
- + Screen printing
- + Shapes



- + Double glazing
- + Solar control
- + Tinting

Contact us for a personalized solution to meet your product requirements.

Listed and labeled with Underwriters Laboratories Inc.

UL File Number R22066

Low-Iron glass available upon request

TECHNICAL SPECIFICATIONS

Fire Rating	120 min
US / Canada Standards	UL 263; ASTM E-119; CAN/ULC S101; NFPA 251; LAAR 26129
Building code markings	W 120
Impact Safety Rating	CPSC 16CFR 1201-CAT II, CAN/CGSB - 12.1-M90
Application	Exterior
Product	CONTRAFLAM 120-4/5 IGU
Nominal Thickness	2-1/4 in. (57 mm)
Thickness Tolerance	-1/8 in. to 1/8 in. (-3 mm to 3 mm)
Edge Cover	1/2 in. (12.7 mm)
Weight	18.8 lbs/sq. ft (91.6 kg/sq. m)
STC/OITC rating (ASTM E 413/E 1332)	46 / 35
Visible transmittance (NFRC 200)	65.7%
Light reflection pL ext./int. (CIE)	17.8% / 16.7%
U-Value BTU/(hr*sqft*degF) (NFRC 100)	Winter0.332 / Summer0.34
Solar heat gain coefficient (NFRC 200)	0.57
Shading coefficient (NFR 200)	0.66
Energy transmission (NFRC 300)	36.8%
Windows, Transoms, Sidelites (w/h/a)	94-5/8in. x 94-5/8in., 4435 sq. in. (2.40m x 2.40m, 2.86 sq. m)

*Height multiplied by width cannot exceed maximum exposed area

** Values calculated using Pilkington Energy Advantage Low-E 1/4" (6 mm) outboard lite with a 1/2" (12.7 mm) steel spacer.

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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

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