CONTRAFLAM® 120 IGU

Fire rated clear tempered interlayered safety glass for exterior applications

Classification

Fire resistive
This glass product withstands fire exposure to the non-fire side and protects from flames, smoke, hot gases and and limits temperature rise on the unexposed side.

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

Hose Stream
This product withstands the hose stream test requirements.

Available Options

- → Protection
- → Coloring
- → Shapes
- → Matte finish
- → Screen printing
- → Climate control
- → Extra clear
- → Noise reduction
- → Double glazing
- → Solar control

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

Technical Specifications

Fire Rating	120 minutes
US / Canada Standards	ASTM E-119; NFPA 251; UL 263; CAN/ULC S101
Building code markings	W 120
Impact Safety Rating	ANSI Z97.1, CPSC 16CFR 1201 CAT II; CAN/CGSB - 12.1-M90
Application	Interior / Exterior

Product	CONTRAFLAM® 120 IGU	
Nominal thickness	2 in. (51 mm)	2 1/4 in. (57 mm)
Thickness tolerance	-1/8 in. to 1/8 in. (-3 mm to 3 mm)	-1/8 in. to 1/8 in. (-3 mm to 3 mm)
Weight	19 lb/ft² (93 kg/m²)	19 lb/ft² (93 kg/m²)
Glass 1	1/4 in. (6 mm) PLANITHERM XN II	1/4 in. (6 mm) PLANITHERM XN II
Spacer	1/4 in. (6 mm) Argon	1/2 in. (12 mm) Argon
Glass 2	1 9/16 in. (39 mm) CF120	1 9/16 in. (39 mm) CF120
STC/OITC rating (ASTM E 413/E1332)	NPD	NPD
Visible transmittance (NFRC 200)	72%	72%
Light reflection pL ext./int. (CIE 15)	13 % / 13 %	13 % / 13 %
U-factor (BTU/h*sq.ft*deg F) (NFRC 100)	Winter: 0.264 / Summer: 0.270	Winter: 0.197 / Summer: 0.192
Solar heat gain coefficient (NFRC 200)	0.51	0.52
Energy transmission (NFRC)	41%	41%
Non Loadbearing Wall Assemblies: Max exposed dimensions *[Based on Intertek Spec ID 73711]*	134 in. (3404 mm); Area: 60,5 sq. ft. (5.62 m²)	134 in. (3404 mm); Area: 60,5 sq. ft. (5.62 m²)

**Height multiplied by width cannot exceed maximum exposed area.*
Shapes: Dimensional tolerances may vary.

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