CONTRAFLAM® 60 IGU

Fire rated clear tempered 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.

Fire protective
This glass product withstands fire exposure to the non-fire side and protects from flames, smoke, hot gases and significantly reduces radiant heat.

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

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

Technical Specifications

Fire Rating	60 minutes
US / Canada Standards	ASTM E-119, NFPA 80, NFPA 251, NFPA 252, NFPA 257 - UL9, UL 10B, UL 10C, UL 263 CAN/ULC-S101, CAN/ULC-S104, CAN/ULC-S106
Intertek file number(s)	73711/ 84964
Building code markings	D-H 60; D-H-T 60; OH 60; W 60
Impact Safety Rating	ANSI Z97.1. CPSC 16CFR 1201-CAT II. CAN/CGSB - 12.1-M90
Application	Interior / Exterior

Winter: 0.735 / Summer: 0.674	CONTRAFLAM® 60-3/4 IGU	
Nominal thickness	1 9/16 in. (40 mm)	1 13/16 in. (46 mm)
Thickness tolerance	± 1/8 in. (± 3 mm)	± 1/8 in. (± 3 mm)
Weight	15 lb/ft² (73 kg/m²)	15 lb/ft² (73 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 1/8 in. (28 mm) CF 60-3/4	1 1/8 in. (28 mm) CF 60-3/4
STC/OITC rating (ASTM E 413/E1332)	39/34 calculated	42/33 calculated
Visible transmittance (NFRC 200)	75%	75%
Light reflection pL ext./int. (CIE 15)	13 % / 13 %	13 % / 13 %
U-factor (BTU/h*sq.ft*deg F) (NFRC 100)	Winter: 0.288 / Summer: 0.295	Winter: 0.212 / Summer: 0.204
Solar heat gain coefficient (NFRC 200)	0.53	0.54
Energy transmission (NFRC)	43%	43%
Door. Non-Temp Rise: Max exposed w x h. a Max exposed dimensions *[Based on Intertek Spec ID 84964]*	30 in. x 89-1/2 in.. 2685 sq. in. (0.76 m x 2.27 m. 1.73 m²)	
Door. Temp Rise: Max exposed w x h. a* Max dimensions *[Based on Intertek Spec ID 84964]*	30 in. x 89-1/2 in.. 2685 sq. in. (0.76 m x 2.27 m. 1.73 m²)	
Windows. Transom. Sidelite: Max exposed w x h. a* Max exposed dimensions *[Based on Intertek Spec ID 84964]*	94-13/16 in. x 94-13/16 in.. 4449 sq. in. (2.41 m x 2.41 m. 2.87 m²)	
Non Loadbearing Wall Assemblies: Max exposed dimensions *[Based on Intertek Spec ID 73711]*	114-9/16 in. (2910 mm) Area: 44,9 sq. ft. (4,17 m²)	

**Height multiplied by width cannot exceed maximum exposed area.*
Shapes: Dimensional tolerances may vary.
Dimensions provided are based on general protective rated listing.

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vetrotech SAINT-GOBAIN | 4G FACADE

4G FACADE
PO Box 122 / Cedar Rapids IA / 52406
(800) 553-8134
info@4GFACADE.com
4GFACADE.com