

CONTRAFLAM 60-3/4 IGU

Fire-Rated Clear Tempered Safety Glass-Exterior

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.



Fire Protective

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



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



- + Climate control
- + Extra clear
- + Noise 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 R14515 and R22066
Low-Iron glass available upon request

TECHNICAL SPECIFICATIONS

Fire Rating

60 min

US / Canada Standards	UL 9,10B,10C,263; ASTM E-119; CAN/ULC S101,S104,S106; NFPA 80,251,252,257; LAAR 26129
Building code markings	D-H 60; D-H-T 60; OH 60; W 60
Impact Safety Rating	CPSC 16CFR 1201-CAT II, CAN/CGSB - 12.1-M90
Application	Exterior

Product

CONTRAFLAM 60-3/4 IGU

Nominal Thickness	1-13/16 in. (46 mm)
Thickness Tolerance	-1/16 in. to 1/16 in. (-2 mm to 2 mm)
Edge Cover	0.5 in. (12.7 mm)
Weight	14.8 lbs/sq. ft (72.1 kg/sq. m)
STC/OITC rating (ASTM E 413/E 1332)	42 / 33
Visible transmittance (NFRC 200)	67.8%
Light reflection pL ext./int. (CIE)	17.5% / 16.7%
U-Value BTU/(hr*sqft*degF) (NFRC 100)	Winter:0.37 / Summer:0.38
Solar heat gain coefficient (NFRC 200)	0.58
Shading coefficient (NFR 200)	0.67
Energy transmission (NFRC 300)	40.0%
Door, Non-Temp Rise: max exposed w/h/a	30in. x 89-1/2in., 2,685 sq. in. (0.76m x 2.27m, 1.73 sq. m)
Door, Temp Rise: max exposed w/h/a	30in. x 89-1/2in., 2,685 sq. in. (0.76m x 2.27m, 1.73 sq. m)
Windows, Transoms, Sidelites (w/h/a)	94-13/16in. x 94-13/16in., 4,449 sq. in. (2.41m x 2.41m, 2.87 sq. m)

*Height multiplied by width cannot exceed maximum exposed area

**Max Glass Size 50-1/4 in. (W) and 112-3/8 in. (H) if installed in VDS Door UL File Number R25396

*** Values calculated using Pilkington Energy Advantage Low-E 1/4" (6mm) OBL with a 1/2" 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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