

CONTRAFLAM 45

Fire-Rated Clear Tempered Safety Glass

CLASSIFICATION



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

TECHNICAL SPECIFICATIONS

Fire Rating

45 min

US / Canada Standards	UL 9,10B,10C; CAN/ULC S104,S106; NFPA 80,252,257
Building code markings	D-H 45; D-H-T 45; OH 45
Impact Safety Rating	ANSI Z97.1, CPSC 16CFR 1201-CAT II, CAN/CGSB - 12.1-M90
Application	Interior

Product

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Nominal Thickness	1 in. (25 mm)
Thickness Tolerance	-1/16 in. to 1/16 in. (-2 mm to 2 mm)
Groove Width/Depth	1-3/16 in., 5/8 in. (30.2 mm, 15.9 mm)
Edge Cover	1/2 in. (12.7 mm)
Weight	10.3 lbs/sq. ft (50.3 kg/sq. m)
STC/OITC rating (ASTM E 413/E 1332)	42 / 38
Visible transmittance (NFRC 200)	83.8%
Light reflection pL ext./int. (CIE)	9.2% / 9.2%
U-Value BTU/(hr*sqft*degF) (NFRC 100)	Winter0.735 / Summer0.674
Solar heat gain coefficient (NFRC 200)	0.67
Shading coefficient (NFR 200)	0.77
Energy transmission (NFRC 300)	56.7%
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)	95-1/2in. x 95-1/2in., 3,419 sq. in. (2.43m x 2.43m, 2.21 sq. m)

*Height multiplied by width cannot exceed maximum exposed area

**Low-Iron glass available upon request

vetrotech.com

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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

Revised: 10/6/2022