CONTRAFLAM® 45

Fire protection rated clear tempered interlayered safety glass for interior applications

Classification

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
- → Coloring
- → Shapes
- → Matte finish
- → Screen printing
- → Extra clear
- → Noise reduction

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

Technical Specifications

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

Product	CONTRAFLAM® 45
Nominal thickness	7/8 in. (22 mm)
Thickness tolerance	± 1/16 in. (± 2 mm)
Weight	10 lbs/sq. ft (49 kg/m²)
STC/OITC rating (ASTM E 413/E1332)	NPD
Visible transmittance (NFRC 200)	85%
Light reflection pL ext./int. (CIE 15)	9% / 9%
U-Value (BTU/h*sq.ft*deg F) (NFRC 100)	Winter: 0.831 / Summer: 0.759
Solar heat gain coefficient (NFRC 200)	0.71
Energie transmission (NFRC)	61%
Door. Non-Temp Rise: Max exposed w x h. a	35-13/16 in. x 95-1/2 in..3419 sq.in. (910 mm x 2426 mm. 2.2 m²)
Windows. Transom. Sidelite: Max exposed w x h. a* *[Based on Intertek Spec ID 84964]*	95-1/2 in. x 95-1/2 in.. 3419 sq.in. (2426 mm x 2426 mm. 2.2m²)

**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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