

CONTRAFLAM 45 IGU

Fire-Rated Clear Tempered Safety Glass for Insulated Frames
 Exterior Application

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 tested

This product has passed the hose stream test.

AVAILABLE FEATURES



+ Protection



+ EPDs, HPDs, and LCAs are available for this product

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

TECHNICAL SPECIFICATIONS

| | |
|------------------------------------|---|
| Fire rating | 45 Minutes |
| Listings/Approvals | UL 9, 10B, UL 10C, NFPA 80, NFPA 252, NFPA 257 |
| Canadian Testing | CAN/ULC-S104, S106 |
| Building code markings | D-H-45, OH-45 |
| Impact Safety Rating | CPSC 16CFR 1201-CAT II, CAN/CGSB-12.1-M |
| Nominal thickness (in.; mm) | 1.352" (34 mm) with 1/4" (6mm) spacer; 1.602" (41 mm) with 1/2" (13 mm) spacer |
| Thickness tolerance (in.; mm) | +0.118" to -0.079" (+3mm to -2mm) |
| U value BTU/(hr*sqft*degF) | .44 - Summer; .43 - Winter (with 1/4"[6 mm] Pilkington Energy Advantage Low-E Outboard Light) |
| STC Rating | 42 |
| Approx. Visible Light Transmission | 80% |
| Edge Cover (in.; mm) | 5/8" (16 mm) |
| Weight (lbs/sqft.; kg/sqm.) | 11 (54) |

Dimensions

| | Window, Transom, Sidelight | Door Non-Temp Rise | Door-Temp Rise |
|---|----------------------------|--------------------|----------------|
| Maximum Glass Height (in; m)* | 95 1/2 (2.43) | 95-1/2 (2.43) | N/A |
| Maximum Glass Width (in; m)* | 95 1/2 (2.43) | 35-13/16 (0.91) | N/A |
| Maximum Glass Area (in ² ; m ²)* | 3,419 (2.21) | 3,419 (2.21) | N/A |

*Height multiplied by width cannot exceed maximum exposed area.



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