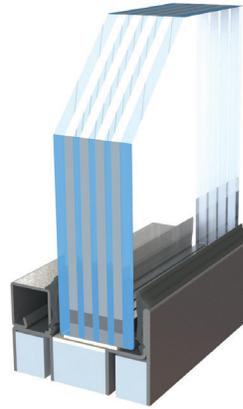


# CONTRAFLAM® 90

Fire-Rated Clear Tempered Safety Glass

## CLASSIFICATION

## PRODUCT FEATURES



## TECHNICAL SPECIFICATIONS

Fire Rating	90 Minutes
US Testing/Compliant	UL 9, 10B, UL 10C, NFPA 80, NFPA 252, NFPA 257
Canadian UL Listing	CAN/ULC S104, S106
Building Code Marking	D-H-T-90, OH-90
Impact Safety Rating	CPSC 16CFR 1201-CAT II; CAN/CGSB-12.1-M; ANSI Z97.1
Nominal Thickness (in.; mm)	1-7/16" (37 mm)
Thickness Tolerance (in.; mm)	+1/8" to -1/16" (+3 mm to -1.5 mm)
U value (BTU/hr*sqft/°F)	0.69
STC Rating	45
Visible Light Transmission	≈ 82%
Groove (in.; mm)	Depth: 13/16" (21 mm) Width: 1-15/16" (49 mm)
Weight (lbs./ft. <sup>2</sup> ; kg/m <sup>2</sup> )	14.6 (71.5)

MAXIMUM DIMENSIONS	Window, Transom, Sidelight	Door Non-Temp Rise	Door Temp Rise
Maximum Exposed Height (in; m)*	88-9/16 (2.25)	88-9/16 (2.25)	88-9/16 (2.25)
Maximum Exposed Width (in; m)*	88-9/16 (2.25)	35-3/4 (0.91)	35-3/4 (0.91)
Maximum Exposed Area (in <sup>2</sup> ; m <sup>2</sup> )*	3,174 (2.05)	3,174 (2.05)	3,174 (2.05)

\*Height multiplied by width cannot exceed maximum exposed area.

Rev. 11.11.15 The information published in this document is correct at the time of going to press. Such information may be subject to change and products may be modified.