

# CONTRAFLAM<sup>®</sup> 180

Fire-Rated Clear Tempered Safety Glass

## CLASSIFICATION

## PRODUCT FEATURES



## TECHNICAL SPECIFICATIONS

Fire Rating	180 Minutes
US Testing	UL 263, ASTM E119
Canadian Testing	CAN/ULC-S101
Impact Safety Rating	CPSC 16CFR 1201 (Categories I & II), CAN/CGSB-12.1-M; ANSI Z97.1
Nominal Thickness (in.; mm)	3-7/8" (98 mm)
Thickness Tolerance (in.; mm)	+1/8" to -1/8" (+3 mm to -3 mm)
U value BTU/(hr*sqft*degF)	0.31
STC Rating	49
Approx. Visible Light Transmission	75%
Groove (in.; mm)	Depth: 7/8" (22 mm) Width: 2-15/16" (75 mm)
Weight (lbs./sq. ft.)	34.3 (77.5)

## AUTHORIZED DIMENSIONS

Rating	Application	Max Exposed Area of Glass (Sq in)	Max Width of Exposed Glass	Max Height of Exposed Glass	Min Depth of Groove	Groove Width	Building Code Marking <sup>1</sup>	UL Design Numbers <sup>1</sup>
3 hr.	Windows	2,304	48"	48"	13/16"	4-1/8"	W-180	U546, W493

NOTE: Contrafl am 60, 90, 120 products are available with SGG Diamant<sup>®</sup> low iron glass.

<sup>1</sup>See Reference Page

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