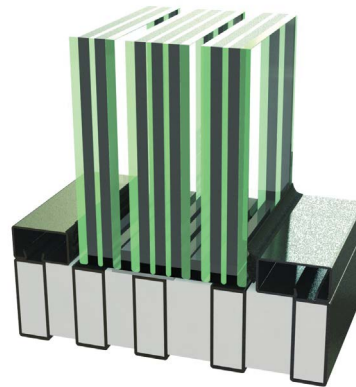


# CONTRAFLAM® 180 IGU

Fire-Rated Clear Tempered Safety Glass - Exterior Application

## CLASSIFICATION

## PRODUCT FEATURES



## TECHNICAL SPECIFICATIONS

Fire Rating	180 Minutes
US Testing/Compliant	UL 263, ASTM E 119
Canadian UL Listing	CAN/ULC-S101
Impact Safety Rating	PSC 16CFR 1201 (Categories I & II), CAN/CGSB-12.1-M, ANSI Z97.1
Nominal Thickness (in.; mm)	4-3/8" (106 mm)
Thickness Tolerance (in.; mm)	+1/8" to -1/16" (+3 mm to -1.5 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: 3-7/16" (87 mm)
Weight (lbs./sq. ft.)	37.4 (92.5)

## 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"	4-7/8"	W-180	U546, W493

<sup>1</sup>See Reference Page

Low iron glass available upon request.

Rev. 1.1.16 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.