

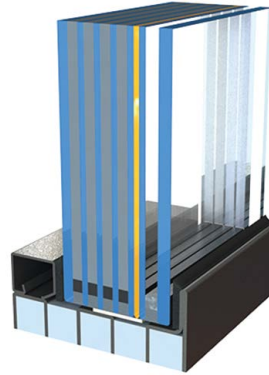
# CONTRAFLAM® Vetrotech HI®

Fire-Rated Clear Tempered Safety Glass - Hurricane Impact HVHZ Application

## CLASSIFICATION



## PRODUCT FEATURES



## TECHNICAL SPECIFICATIONS

Fire Rating	60/90/120 Minutes
US/Canadian Testing	UL 10B, UL 10C, UL 263; NFPA 80, 251, 252, 257, ASTM E119, CAN/ULC-S101, S104, S106
Florida Building Code	FL16922, FL16923
Building Code Marking	D-H-T-60, W-60 / D-H-T-90 / W-120
Impact Safety Rating	CPSC 16CFR 1201-CAT II; CAN/CGSB-12.1-M
Nominal Thickness (in.; mm)	1-3/4" (44 mm) / 2-1/8" (54 mm) / 2-3/16" (56 mm)
Thickness Tolerance (in.; mm)	+1/8" to -1/8" (+3 mm to -1.5 mm)
U value BTU/(hr*sqft*degF)	0.34 / 0.33 / 0.31
STC Rating (dB)	46/90/120
Approx. Visible Light Transmission	75%
Groove (in.; mm)	Depth: 3/4" (19 mm) Width: 1-7/8" (47 mm) / 2-1/4" (57 mm) / 2-3/8" (59 mm)
Weight (lbs./ft. <sup>2</sup> )	16 / 19.5 / 20

MAXIMUM DIMENSIONS	Window, Transom, Sidelight	Door Non-Temp Rise	Door Temp Rise
Maximum Exposed Height (in; m)*	72 (1.82)	46-7/8 (1.19)	46-7/8 (1.19)
Maximum Exposed Width (in; m)*	60 (1.52)	31-5/16 (0.79)	31-5/16 (0.79)
Maximum Exposed Area (in <sup>2</sup> ; m <sup>2</sup> )*	4,320 (2.78)	1,467 (0.94)	1,467 (0.94)

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

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.