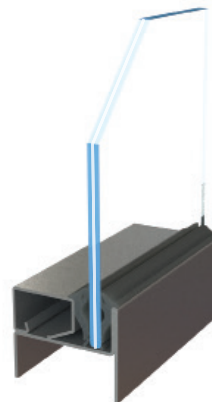
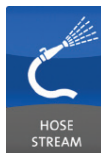


KERALITE® SAFEGUARD

Fire-Rated Laminated Safety Glass Ceramic

CLASSIFICATION

PRODUCT FEATURES



DESCRIPTION

TECHNICAL SPECIFICATIONS

Fire Rating	20-90, 180 Minute
US Testing/Compliant	Listed and labeled with Underwriters Laboratories Inc. File #R14515 Tested in accordance with UL 9, UL 10B, UL 10C, NFPA 80, NFPA 252, NFPA 257
Canadian UL Listing	CAN/ULC-S106, S104
Impact Safety Rating	CPSC 16CFR Part 1201 (CATEGORIES I & II). ANSI Z97.1, CAN/CGSB-12.1-M
Nominal Thickness	5/16" (8 mm) 7/16" (10 mm)
Thickness Tolerance	+1/64" to -1/64" (+0.4 mm to -0.4 mm)
U value (BTU/hr*sqft/°F)	0.88
STC Rating	37
Weight (lbs/sq ft.)	4.1 5.1*
Visible Light Transmission	≈ 82%

AUTHORIZED DIMENSIONS

RATING	WINDOW/TRANSOM/SIDELIGHT			DOOR - NON TEMP RISE			DOOR - TEMP RISE		
	AREA (Max.)	WIDTH (Max.)	HEIGHT (Max.)	AREA (Max.)	WIDTH (Max.)	HEIGHT (Max.)	AREA (Max.)	WIDTH (Max.)	HEIGHT (Max.)
20	4500	95-3/8	95-3/8	3627	46-1/2	78	N/A		
45	4500	95-3/8	95-3/8	3627	46-1/2	78	N/A		
60	4500	95-3/8	95-3/8	3627	46-1/2	78	100	10	33
90	4500	95-3/8	95-3/8	3534	46-1/2	76	100	10	33
180	N/A			N/A			100	10	33

Maximum sheet size for this product is 44" x 96".

Height multiplied by width cannot exceed maximum exposed area.

* 7/16 (10 mm) Keralite

Rev. 10.31.17 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.