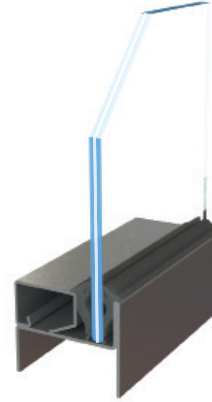
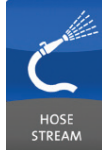


# KERALITE® LAMINATED

Fire-Rated Laminated Safety Glass Ceramic

## CLASSIFICATION

## PRODUCT FEATURES



## 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

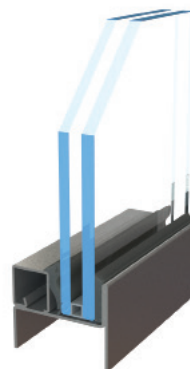
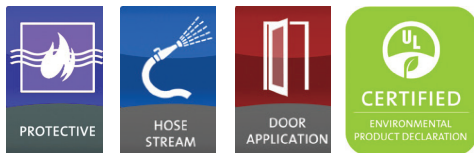
Rev. 7.22.16 The information published in this document is correct at the time of going to press. Such information may be subject to change and products may be modified.

# KERALITE® LAMINATED IGU

Fire-Rated Laminated Safety Glass Ceramic - Exterior Application

## CLASSIFICATION

## PRODUCT FEATURES



## 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-S104, S106
Impact Safety Rating	CPSC 16CFR Part 1201 - CAT II/C6SB - 12.1 -M, ANSI Z97.1
Nominal Thickness (in.; mm)	13/16" (20 mm) (using 1/4" spacer & 1/4" outer lite)   7/8" (22 mm)
Thickness Tolerance (in.; mm)	+1/64" to -1/64" (+0.4 mm to -0.4 mm)
U value (BTU/hr*sqft/°F)	0.88
STC Rating	40
Visible Light Transmission	≈ 82%
Weight (lbs./ft. <sup>2</sup> ; kg/m <sup>2</sup> )	7.5 (36.6)   8.5 (41.5)*

## 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

\*7/8" (22 mm) Keralite

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

Height multiplied by width cannot exceed maximum exposed area.

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