

KERALITE® ULTRA

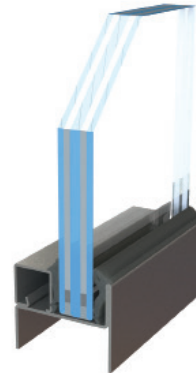


KERALITE® ULTRA

Fire-Rated Safety Clear Glass Ceramic

CLASSIFICATION

PRODUCT FEATURES



TECHNICAL SPECIFICATIONS

Fire Rating	20-180 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; CAN/CGSB-12.1-M, ANSI Z97.1
Nominal Thickness (in.; mm)	3/4" (18 mm) *7/8" (22 mm)
Thickness Tolerance (in.; mm)	+1/16" to -1/16" (+1.5 mm to -1.5 mm)
U value (BTU/hr*sqft/°F)	0.79
STC Rating	38
Visible Light Transmission	≈ 79%
Groove (in.; mm)	Depth: 5/8" (16 mm) Width: 1" (25 mm)
Weight (lbs./ft. ² ; kg/m ²)	7.5 (36.5)

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.)
45	2736	60-1/4	76	2736	46-1/2	76	2736	46-1/2	2736
60	2736	60-1/4	76	2736	46-1/2	76	2736	46-1/2	2736
90	2736	60-1/4	76	2736	46-1/2	76	2736	46-1/2	2736
180	N/A	N/A	N/A	100	10	33	100	10	33

*If one dimension is less than 7", product thickness will be 7/8".

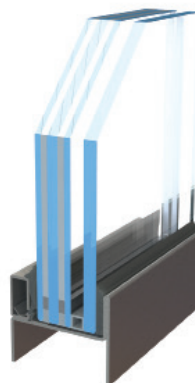
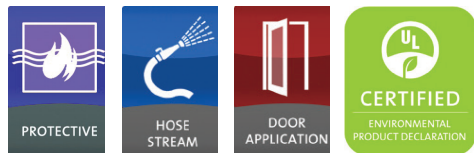
Rev. 6.28.16 The information published in this document is correct at the time of going to press. Such information may be subject to change and products may be modified.

KERALITE® ULTRA IGU

Fire-Rated Safety Clear Glass Ceramic - Exterior Application

CLASSIFICATION

PRODUCT FEATURES



TECHNICAL SPECIFICATIONS

Fire Rating	20-180 Minute
US Testing/Compliant	Listed and labeled with Underwriters Laboratories Inc. File #R14515 Tested in accordance with UL 10B, UL 10C, NFPA 80, NFPA 252, NFPA 252, ASTM N/A
Canadian UL Listing	CAN/ULC-S104
Impact Safety Rating	CPSC 16CFR Part 1201 - CAT II; CAN/CGSB-12.1-M
Nominal Thickness (in.; mm)	1-1/4" (31 mm) (using 1/4 spacer)
Thickness Tolerance (in.; mm)	+1/8" to -1/16" (+3 mm to -1.5 mm)
U value (BTU/hr*sqft/°F)	0.39
STC Rating	40
Visible Light Transmission	≈ 74%
Groove (in.; mm)	Depth: 5/8" (16 mm) Width: 1-1/2" (38 mm)
Weight (lbs./ft. ² ; kg/m ²)	10.5 (51.5)

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.)
45	2736	60-1/2	76	2736	46-1/2	76	2736	46-1/2	2736
60	2736	60-1/2	76	2736	46-1/2	76	2736	46-1/2	2736
90	2736	60-1/2	76	2736	46-1/2	76	2736	46-1/2	2736
180	N/A	N/A	N/A	100	10	33	100	10	33

*If one dimension is less than 7", product thickness will be 1-3/8".

Rev. 11.11.15 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.