

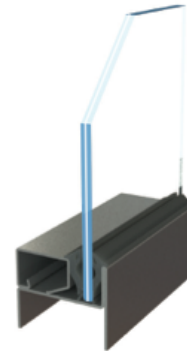
KERALITE® SAFEGUARD

Fire-Rated Laminated Safety Glass Ceramic

PRODUCT FEATURES



This product has passed extensive ballistics and intrusion test sequences at a recognized ISO certified test laboratory.



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 - 2017
Nominal Thickness	5/16" (8 mm)
Thickness Tolerance	+1/64" to -1/64" (+0.4 mm to -0.4 mm)
U value BTU/(hr*sqft*deg F)	0.88
STC Rating	37
Weight (lbs/sqft.)	4.1
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.

Rev. 3.18.17 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.

Precision Glass Services Inc

T: 905-731-7800 F: 905-709-4437
2 Essex Avenue, Unit 3b. Thornhill, Ontario. L3T 3Y9 CANADA
Web: www.precisionglass.ca

KERALITE® SAFEGUARD

Fire-rated glass ceramic offering combined fire, impact, ballistic, and intrusion protection designed to create a safe-zone to mitigate the deadly effects of shooters, intruders, and terrorists.



vetrotech
SAINT-GOBAIN



Introducing Keralite® SafeGuard

Keralite SafeGuard is a laminated and filmed fire-rated glass ceramic product that offers combined fire, impact, ballistic, and intrusion protection. Buildings with Safeguard installed provide a safe-zone for occupants, protecting against the deadly effects of active shooters, intruders, and terrorists.

Uncompromised life safety and physical security are needed against the triple threats of fire, accidental impact, and domestic terror, because precious seconds can be the difference between life and death.

A True Life-Saving Innovation

Keralite® SafeGuard is the only fire, ballistic, and intrusion resistant glazing product available on the market today. Along with exceptional safety features Keralite boasts a 97.1 color rendering index, sound transmission benefits and the lowest haze value of any ceramic in its glass. The old days of ugly wired safety glass are in the past. Today we have SafeGuard glass designed to protect our future.

- ▶ Provides to 2-4 minutes incident response time
- ▶ Fire-rated from 20 minutes to 3 hours
- ▶ Glazes into standard fire door and window frames
- ▶ Ideal for new buildings and retrofit
- ▶ Safety Glass
Meets CPSC 16 CFR part 1201,
Cat I & II, ANSI, CGSB
- ▶ Preserve the comfort and visual benefits of glass



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