



Description

Ceramic fire-rated glazing material for use in fire-rated doors, windows, transoms and borrowed lite assemblies.

General Characteristics

Product Designation	Nominal Thickness	Approx. Weight	Impact Safety Rating
KERALITE	3/16 in. (5 mm)	2.7 lbs. sq. ft.	For use in non-impact safety rated applications
KERALITE FILMED	3/16 in. (5 mm)	2.7 lbs. sq. ft.	ANSI Z97.1 CPSC 16CFR1201 (Cat I & II)
KERALITE LAMINATED	5/16 in. (8 mm) to 3/8 in. (10 mm)	4.1 lbs. sq. ft.	ANSI Z97.1 CPSC 16CFR1201 (Cat I & II)

Listing / Labeling

Listed and labeled by Underwriters Laboratories (UL) and tested in accordance with the following test standards: IBC 7-2 & 7-4, UL 9 & 10c, NFPA 252 & 257, CAN S-104 & S-106.

Each piece of KERALITE shall be labeled in accordance with the Vetrotech Saint-Gobain / UL identifying mark.

Installation

KERALITE products should be installed only into listed fire-rated frame assemblies with hardwood or calcium silicate setting blocks and Kerafix ceramic tape or closed cell PVC tape. Check that the opening is plumb and square. Carefully inspect glass edges before installation. Superficial chips smaller than 5/32" (4 mm) are acceptable, wider chips or deep chips (with V profile) are not acceptable and should not be installed. Place setting blocks (3" minimum) at sill, located at quarter points. Do not block the lite so as to restrict movement due to thermal expansion, direct glass-to-perimeter frame contact should be strictly avoided. Check perimeter clearance and adjust setting blocks as needed. Be sure to check the individual door or frame fire-rated listings for product-specific installation instructions.

KERALITE is an engineered specialty fire resistant glass-ceramic material with its primary function being that of fire resistance integrity. Certain optical and visual faults are inherent to the manufacturing process, which may be evaluated according to the manufacturing quality standards. These characteristics do not generally impair the transparency or affect the performance of the glass in case of fire; and therefore should not be considered cause for rejection or replacement.

Storage and Handling

KERALITE should be handled with care during transportation, storage, inspection and installation.
Store in a dry place.