



Description

Keralite Laminated glass ceramic fire rated glazing material for use in fire rated doors, window, transom and borrowed lite assemblies.

General Characteristics

Thickness: 5/16" (8mm) Weight: 4.1 lbs. sq. ft. Impact Safety Rating: ANSI Z97.1 and CPSC 16CFR1201 (Cat I & II)

Listing / Labeling

Listed and labeled by Underwriters Laboratories (UL) and tested in accordance with the following test standards; UBC 7-2 & 7-4, UL 9 & 10c, NFPA 252 & 257, CAN4S-104. Each piece of Keralite Laminated shall be labeled in accordance with the Vetrotech Saint-Gobain UL identifying mark.

Installation

Keralite Laminated should be installed only into listed fire-rated door and frame assemblies using fire rated setting blocks (calcium silicate) or and one of the following: Ceramic Glazing Tape or Closed Cell PVC Tape. In addition both tapes can be used in conjunction with cosmetic silicone sealant. Check that the opening is plumb and square. Carefully inspect glass edges before installation. Superficial chips smaller than 5/32" (4mm) are acceptable, wider or deeper chips (with V profile) are not acceptable and should not be installed. Place setting blocks (3" min) 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. Keralite Laminated is an engineered specialty fire protective 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

Handle Keralite Laminated with care during transportation, storage, inspection, and installation.
Store in a dry place.

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