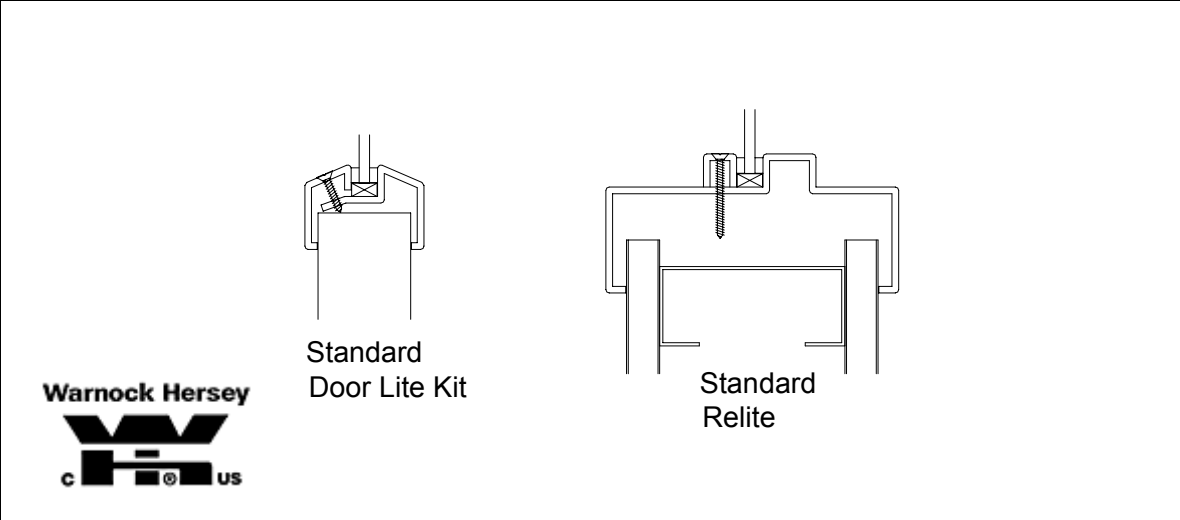


INSTALLATION DETAIL #5-3



**Description**

SGG Keralite FR-L, glass ceramic fire rated glazing material for use in fire rated doors, window, transom and borrowed lite assemblies

**General Characteristics**

Thickness: 5/16" (5mm)  
 Weight: 4.0lbs. sq. ft.  
 Impact Safety Rating: ANSI Z97.1 and CPSC 16CFR1201 (Cat I & II)

**Listing / Labeling**

Listed and labeled by Warnock Hersey International (WHI) 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 SGG Keralite FR-L shall be labeled in accordance with NFPA 80, with the Vetrotech Saint-Gobain / WHI identifying mark.

**Installation**

SGG Keralite FR-L should be installed only into listed fire rated frame assemblies with suitable setting blocks and glazing tape. Check that the opening is plumb and square. Carefully inspect glass edges before installation. Superficial chips smaller than 5/32" (4mm) are acceptable, wider chips or deep 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.

SGG Keralite FR-L 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 mfg. process, which may be evaluated according to the mfg. 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**

SGG Keralite FR-L should be handled with care during transportation, storage, inspection, and installation. Store in a dry place.

