

sggKeralite FR-L

SGGKeralite FR-L, laminated clear glass ceramic. Wireless glazing material for use in accidental human impact safety rated locations such as doors, transoms and borrowed lites with fire rating requirements ranging from 20 minutes to 3 hours; with hose stream test.

- A. SGG Keralite FR-L as manufactured by Vetrotech Saint-Gobain NA, Auburn, WA 98001 Telephone 888-803-9533 Fax 253-333-5166 Website: www.vetrotechusa.com**
- B. Properties**
- Thickness: 5/16" (8mm)
 - Fire-Rating: 20-minutes to 3-hours for doors; 20 – 90 minutes for other applications
 - Weight: 4.5 lbs / sq. ft.
 - Approx. visible light transmission: 80%
 - Impact Safety Rating: ANSI Z97.1 & CPSC 16CFR1201 (CAT I & II)
- C. Labeling: Each lite of SGG Keralite FR-L shall be labeled with a permanent logo including the name of product, manufacturer, testing laboratory (ITS / Warnock Hersey), fire rating period and safety glazing standards.**
- D. Fire Rating: Fire Rating listed and tested by ITS / Warnock Hersey or Underwriters Laboratories (Listing #R14515) for fire rating scheduled at opening locations in drawings, when tested in accordance with (ASTM E-163) (ASTM E-152) (UBC Standards 7-2 & 7-4) (UL9 & UL 10c) (NFPA 252 & 257)**

(maximum production size available 40" x 70")

Rating	Application	Max Exposed Area of Glass (Sq In.)	Max Width of Exposed Glass (In.)	Max Height of Exposed Glass (In.)	Min Depth of Groove (In.)	Groove Width (In.)	Building Code Marking
3/4 hr.	Door - Non Temp Rise	3627	46-1/2	78	5/8	5/16, 7/16	D-H-NT-45
3/4 hr.	Window, Transom, Sidelight	3627	46-1/2	78	5/8	5/16, 7/16	D-H-NT-45, OH-45
1 hr.	Door - Non Temp Rise	3627	46-1/2	78	5/8	5/16, 7/16	D-H-NT-60
1 hr.	Door - Temp Rise	100	10	33	5/8	5/16, 7/16	D-H-NT-60
1 hr.	Window, Transom, Sidelight	3627	46-1/2	78	5/8	5/16, 7/16	D-H-NT-60, OH-60
1-1/2 hr.	Door - Non Temp Rise	3534	46-1/2	76	5/8	5/16, 7/16	D-H-NT-90
1-1/2 hr.	Door - Temp Rise	100	10	33	5/8	5/16, 7/16	D-H-NT-90
1-1/2 hr.	Window, Transom, Sidelight	2736	60-1/4	76	5/8	5/16, 7/16	D-H-NT-90, OH-90
3 hr.	Door - Non Temp Rise and Temp Rise	100	10	33	5/8	5/16, 7/16	D-H-NT-180