

FIRE-RATED GLASS CERAMIC

FireLite® is a 3/16" (5mm) thick fire-rated glazing material. It is listed for use in **non-impact safety-rated locations** such as transoms and borrowed lites with fire rating requirements ranging from 20 to 90 minutes.

FEATURES

- ◆ Fire-rated for up to 90 minutes **with hose stream test**
- ◆ Glass ceramic- clear and wireless
- ◆ Withstands thermal shock
- ◆ May be lightly sandblasted or etched on one side without affecting fire rating
- ◆ Passes positive pressure test standards UL 10C, UBC 7-2 and UBC 7-4

Note: This product is not a barrier to radiant heat. This product does not meet test standards ASTM E-119 or UL 263.

LISTINGS

Listed and labeled by Underwriters Laboratories, Inc.® and Underwriters' Laboratories of Canada. Test report number for labeled fire-rated assemblies is UL File No. R13377. All above tests performed in accordance with UL 9, UL 10C, ASTM E2010, CSFM 43.7, NFPA 257, UBC 43.4, UBC 7-2, UBC 7-4, and CAN4 S-104.

LABELING

Each piece of FireLite shall be permanently labeled with the FireLite logo, UL logo and fire rating in the lower right hand corner, **assuming all dimensions are given width x height.**

INSTALLATION

FireLite shall be glazed into the appropriate fire-rated framing with an approved glazing compound (Dow 795, GE Siliglaze II 2800, or Tremco Spectrum II silicone; closed cell PVC tape; or DAP 33 putty) as supplied by the installer. For 90 min. ratings that exceed 1,393 sq. in., FireLite shall be glazed with fire-rated glazing tape as supplied by TGC. Check for clearance around the edges, and adjust setting blocks as needed. All edges must be captured for a valid fire rating.

Inspect each piece of FireLite immediately before installation and eliminate any with observable edge damage or face imperfections. As with any glass produced by the "roll out" method, individual pieces of FireLite may contain minimal variations in thickness. Occasionally, process marks and small occlusions or seeds (bubbles, knots or crystals) may be apparent. However, since they do not generally impair the transparency or affect the technical performance of the glass, they do not represent cause for rejection.

SURFACE FINISH: Premium (polished) or Standard (rolled)

Complete specifications and installation information are available at www.fireglass.com or by calling.

GENERAL CHARACTERISTICS

3/16" Thickness (5mm)

2.4 lbs. / sq. ft.
88% Approx. Visible Trans.
9% Approx. Reflection
20 to 90 minute fire rating

NO Impact Safety

Figures are for Premium

Other than doors	Max Exposed Area	Max Exposed Width	Max Exposed Height	Stop Height
20/ 45/ 60 Min	3,325 in ²	95"*	95"*	5/8"
90 Min	2,627 in ²	56-1/2"*	56-1/2"*	5/8"

*Sheet size is limited to 48x96



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**For fire-rated glazing with impact resistance,
contact us about:**

FireLite Plus® or FireLite® NT