

FIRE-RATED, SAFETY-RATED GLASS CERAMIC

FireLite Plus® is a 5/16" (8mm) thick laminated fire-rated and impact safety-rated glazing material. It is listed for use in doors, sidelites, transoms and borrowed lites with fire rating requirements ranging from 20 to 90 minutes (3 hours in a door).

FEATURES

- ◆ Fire-rated for up to 3 hours **with hose stream test**
- ◆ Impact safety-rated- meets ANSI Z97.1 and CPSC 16CFR1201- Cat. I and II
- ◆ Glass ceramic- clear and wireless
- ◆ Withstands thermal shock
- ◆ Premium grade (polished) FireLite surfaces only
- ◆ 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
- ◆ 5-year limited warranty

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 10B, UL 10C, ASTM E2074, ASTM E2010, CSFM 43.7, NFPA 252, NFPA 257, UBC 43.2, UBC 43.4, UBC 7-2, UBC 7-4, CAN4 S-104 and CAN4 S-106.

LABELING

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

INSTALLATION

FireLite Plus 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 Plus 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 Plus 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 Plus 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)

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

GENERAL CHARACTERISTICS

5/16" Thickness (8mm)

4 lbs. / sq. ft.
 85% Approx. Visible Trans.
 9% Approx. Reflection
 20 min to 3 hour fire rating
 STC Rating Approx 35dB
Cat I and II Impact Safety

Doors	Max Exposed Area per lite	Max Exposed Width	Max Exposed Height	Stop Height
20/ 45/ 60 Min	3,204 in ²	36"	89"	5/8"
90 Min	2,034 in ²	36"	56-1/2"	5/8"
3 Hours	100 in ²	12"	33"	1/2"



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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"

FireLite and FireLite Plus are registered trademarks of Nippon Electric Glass Co.

*Sheet size is limited to 48x96