

Fire-Rated FRP-Clad Door



Match the finish of our FRP entrance doors with the SL-21 Fire-Rated Door

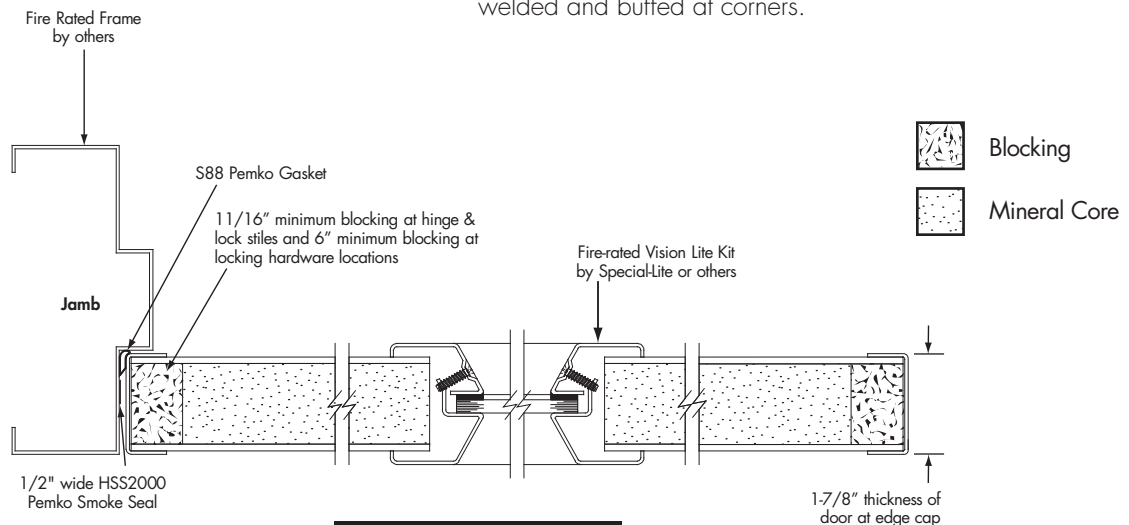
The SpecialLite® SL-21 FRP-Clad Fire-Rated Door is the perfect complement to our FRP (Fiberglass Reinforced Polyester) entrance doors for interior or exterior applications that require a 90-minute fire door. Tested in accordance with UBC 7-2, NFPA 252, and UL 10C requirements, the SL-21 has passed the 1-1/2 hour positive pressure test, hose stream test, and 250 degree temperature rise tests to achieve Warnock Hersey listing for fire-rating applications in the U.S.

Available in 30, 45, 60 or 90-minute rated versions, as singles or pairs up to 4' x 8' per leaf. Face sheets can be specified in any of our standard FRP colors, or painted face sheets in any color.

Enjoy the benefits of design flexibility, custom fabrication, fast and reliable order lead times, single-source convenience and quality workmanship, all backed by a hassle-free, 10 year, parts & labor SpecialLite warranty.

Construction

The SL-21 FRP-Clad Fire-Rated Door features the same FRP face sheets as our SL-17 Door bonded to a mineral core with a perimeter designed for secure hardware attachment. Edge capping and vision lite kits are natural finish stainless steel similar in appearance to clear anodized aluminum. Edge capping is screw-applied, welded and buffed at corners.



Horizontal Section

SL-21 Fire-Rated FRP-Clad Door

Application Guidelines

- Available with 30, 45, 60 or 90-minute ratings.
- Available as single doors or pairs with mullion up to 4' x 8' per leaf.
- Available with wire chase.
- Requires fire-rated hardware, including mullions and exit devices, supplied by Special-Lite or others. Hinges must be secured to door with fasteners supplied by Special-Lite.
- Requires fire-rated framing by others with field installation of smoke seal and gaskets supplied by Special-Lite.
- Vision lites must be fire-rated, and can be supplied by Special-Lite or others. Fire-rated wire glass can be used in vision lites up to 100 sq. inches. Ceramic glass must be used in vision lites over 100 sq. inches. Vision lite must be at least 6" from DLO to hardware. Standard vision lite kit sizes available are: 4" x 25", 6" x 28", 10" x 10", 22" x 28". 1" glass is not available.

Hardware Compatibility

	USE	DON'T USE
SINGLE	Rim exit device Mortise lock Cylindrical lock Surface closer Butt hinges Continuous hinge Kick plate up to 16" in height	Coordinator Hold open Concealed vertical rods
PAIRS	Rim exit devices with fire-rated mullion Surface closers Butt hinges Continuous hinges Kick plates up to 16" in height Flush bolts & Mortise locks - up to 60 minute rating Surface vertical rods (top & bottom rods) - up to 60 minute rating	

