

# FIRE-RATED FRP-CLAD DOOR

## Match the finish of our SL-17 FRP entrance doors with the SL-17FR Fire-Rated Door

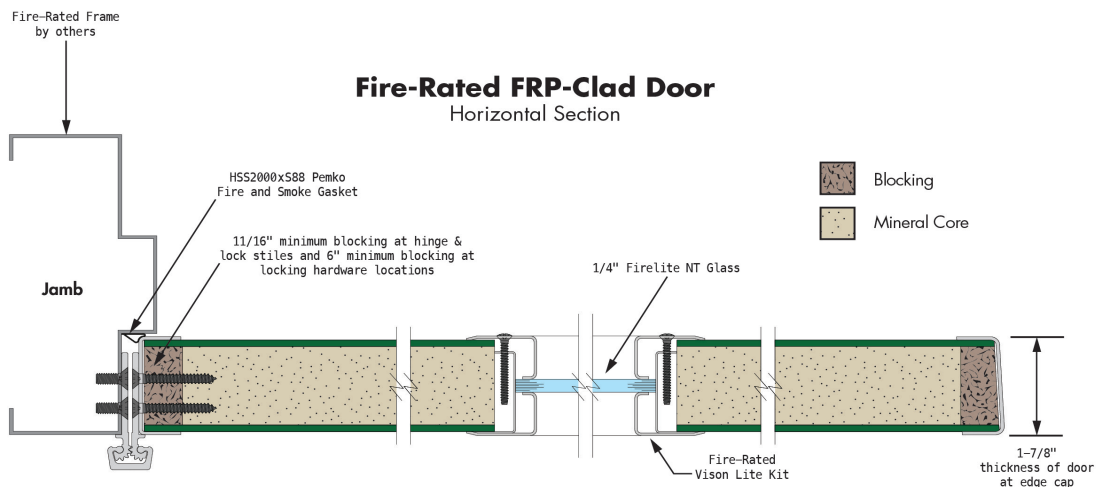
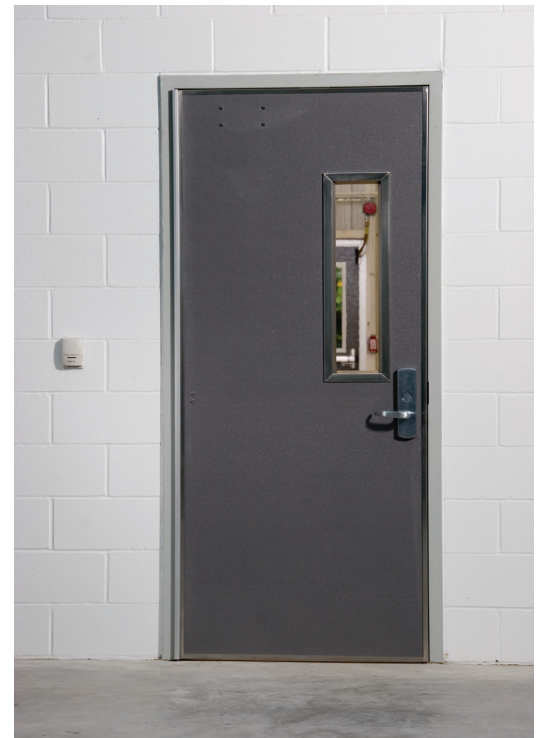
The Special-Lite® SL-17FR Fire-Rated FRP-Clad Door is the perfect complement to our FRP (Fiberglass Reinforced Polyester) entrance doors for interior or exterior applications that require a 90-minute fire door. Tested in accordance with UBC 7-2, NFPA 252, and UL 10C requirements, the SL-17FR has passed 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.

The SL-17FR is available in 30, 45, 60 or 90-minuted rated versions, as singles or pairs up to 4' x 8' per leaf, subject to limitations. Face sheets can be specified in any of our standard FRP colors, or painted any color. Class C face sheets are standard. Class A can be specified for interior applications.

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 Special-Lite warranty.

### Construction

The SL-17FR Fire-Rated FRP-Clad 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.



## Application Guidelines

- Pairs with mortise lock and flush bolts, surface vertical rods, or surface vertical rods less bottom rods require a fire-rated astragal
- 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 and 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. 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.
- Fire-rated Louvers may be installed in doors up to 576 sq. inches

## Hardware Compatibility

	USE	DON'T USE
SINGLE	<ul style="list-style-type: none"> <li>Rim exit device</li> <li>Mortise lock</li> <li>Cylindrical lock</li> <li>Surface closer</li> <li>Butt hinges</li> <li>Continuous hinge</li> <li>Kick plate up to 16" in height</li> </ul>	<ul style="list-style-type: none"> <li>Hold open</li> <li>Concealed vertical rods</li> </ul>
PAIRS	<ul style="list-style-type: none"> <li>Surface closers</li> <li>Butt hinges</li> <li>Continuous hinges</li> <li>Kick plates up to 16" in height</li> <li>Flush bolts &amp; Mortise locks</li> <li>Surface vertical rods</li> <li>Surface vertical rods less bottom rods</li> <li>4-point latching required for 90-minute pairs</li> <li>3-point latching required for 20 to 60 minute pairs</li> </ul>	<ul style="list-style-type: none"> <li>Hold open</li> <li>Concealed vertical rods</li> </ul>