

SL-21

Fire-Rated FRP-Clad Door



Match the finish of our FRP entrance doors with the new SL-21 Fire-Rated Door from Special-Lite.

The new SL-21 FRP-Clad Fire-Rated Door is the perfect compliment to our FRP (Fiberglass Reinforced Polyester) entrance doors for interior applications that require a 90-minute fire door. Tested in accordance with UBC 7-2, NFPA 225, and UL 10C requirements for interior applications, 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.

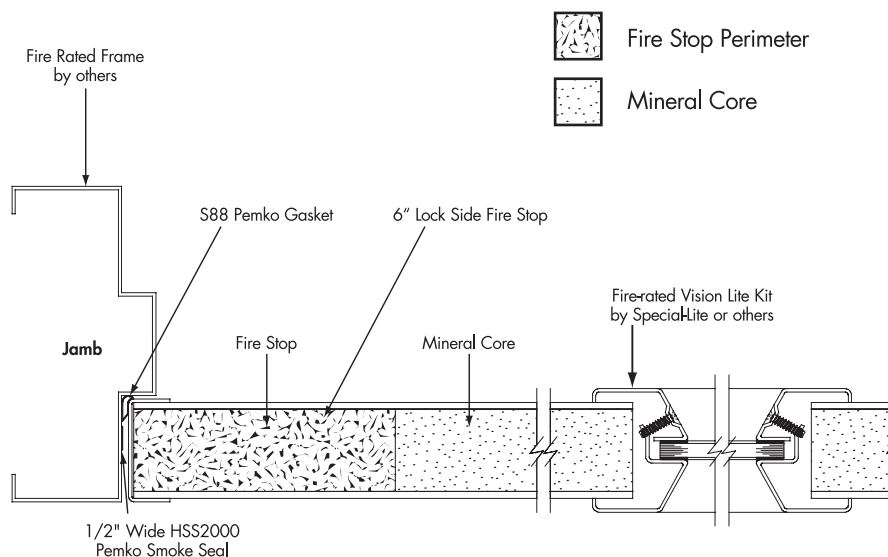
Available in 30, 45, 60 or 90-minute rated versions, as singles or pairs up to 4' x 8' per leaf, they offer the flexibility of custom fabrication to suit your requirements precisely.

Facesheets can be specified in any of our standard FRP colors, or non Specialite 3® facesheets painted 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 Specialite warranty.

Construction

The new Specialite SL-21 Fire-Rated FRP-Clad Door features the same FRP face sheets as our SL-17 Door bonded to a mineral core with Fire Stop perimeter 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 and welded at corners.



Horizontal Section



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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

Single:

Rim exit device
Mortise lock
Cylindrical lock
Surface closer
Butt hinges
Continuous hinge
Kick plate up to 16" in height

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 - up to 60 minute rating

DON'T USE

Coordinator
Hold open
Concealed vertical rods

