

FRP/ALUMINUM HYBRID DOOR

Choose between a rustic or contemporary style fiberglass wood grain flush door

Both the Special-Lite® SL-19 Rustic Wood Grain Door and the SL-19-1 Contemporary Wood Grain Door offer the attractive appearance of wood, with all the advantages of fiberglass. Unlike wood doors, the fiberglass will never warp, split, peel or rot.

Features & Benefits

Aluminum chassis with proven flexural strength

- Manufactured with stiles and rails of extruded 6063-T6 aluminum alloy
- Stiles and rails are joined with mitered corners and angle blocks secured by 3/8" diameter full-width galvanized steel tie rods
- All anodized finishes are Class I (.7 mil)
- Standard and optional internal reinforcements provide secure attachment for the exact hardware specified

Fiberglass wood grain face sheet

- Face sheets are rabbeted and secured on all four sides by full-length integral reglets on the stiles and rails to form a truly flush door
- SL-19 face sheets are .120" thick authentic oak species wood grain replication. Achieve the rich look of real stained wood with our selection of six natural wood stain colors, or painted any color*. The max door size is 48" wide x 96" tall
- SL-19-1 face sheets are Class A .120" thick authentic cherry species wood grain replication FRP. Available in four standard stain colors, or painted any color. The max door size is 42" wide x 100" tall

Core has great thermal performance

- Poured-in-place, closed-cell polyurethane core that is a minimum of 5 LB./cubic foot density

Unlimited customization

- Doors can be supplied with hardware installed, reinforced only, or prepped for field installation of hardware
- Unique configurations such as arched doors, odd sizes, unequal pairs and custom lites are available



*See website product pages for color selections available. Colors are subject to change without notice.



SL-19 face sheet*
(Rustic)



SL-19-1 face sheet*
(Contemporary)

OPTIONS FOR:



Wood Grain FRP Accurately Captures the Natural Grain Characteristics

The beautiful look of natural wood manufactured into a long lasting, low maintenance fiberglass door. It can be specified with custom vision lites to create just the functionality and style desired. The fiberglass surface offers a degree of resistance to stains, scuffs and impacts that would easily damage wood. It's also resistant to the elements and corrosive environments - even coastal salt spray - and offers excellent cleanability.

At the Core of our Door's Strength is our Door's Core

The poured-in-place closed cell polyurethane foam core of our fiberglass wood grain doors is not just a passive filler - it's a functional component that contributes significantly to the durability of Special-Lite® Doors. After the door has been completely assembled, the core material is injected using our proprietary foam injection technology, ensuring a complete fill with a minimum five pounds per cubic foot density. This strong, lightweight, structural closed cell polyurethane foam bonds firmly to the rails, stiles, reinforcements, and face sheets to transform the door into a solid, completely sealed unit with incredible impact resistance and flexural strength. Our closed cell polyurethane foam won't absorb or be damaged by water, and offers great thermal properties.

Building Applications

Durable enough for high traffic entrances in education, religious, restaurants, retail, health and municipal facilities that call for the classic appearance of a wood door.

Color Selections

The FRP/Aluminum Hybrid Doors have two color decisions that must be made: aluminum chassis and face sheet. Aluminum chassis can be anodized or painted. Face sheets can be stained in a natural wood look (SL-19 and SL-19-1 have different standard stain colors), or they can be painted wood grain if desired, the SL-19 has a deeper, more pronounced grain; the SL-19-1 has a smoother, wood grain appearance. See color chips, available from the online shopping cart, for final color decision.

SL-19 & SL-19-1 Door Construction

