

FRP/ALUMINUM HYBRID DOOR

Classic 6-Panel Doors Designed to Meet the Aesthetic Considerations of Georgian & Colonial Style Architecture

Special-Lite® SL-18 Colonial Wood Grain Doors combine traditional styling with the advantages of modern engineering and materials to deliver high performance and long life. They feature a remarkable fiberglass face sheet material that offers the attractive a of wood, with all the advantages of fiberglass.

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 (.7mil)
- 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 edges of the stiles and rails to form a truly flush door
- SL-18 face sheets are .120" thick, authentic oak species wood grain replication FRP, similar to our SL-19 door. Unlike wood doors, the fiberglass will never warp, split, peel or rot
- You can achieve the rich look of real stained wood with our selection of six natural wood stain colors, painted to match any of our available Kynar 500®, or any painted color*
- Made-to-order sizes from a minimum of 30" x 80" to a maximum of 48" x 96"

Core has great thermal performance

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

Fiberglass wood grain face sheet

- 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 no problem



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

OPTIONS FOR:



Wood Grain FRP Accurately Captures the Natural Grain Characteristics

Beautiful look of natural oak wood manufactured into a long lasting, low maintenance fiberglass door. 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 SL-18 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

Whether for new construction or historic preservation projects, an investment in our colonial wood grain doors will pay dividends in attractiveness and durability for years to come. They are durable enough for even high traffic entrances in education, religious, retail 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, or they can be painted. See color chips, available from the online shopping cart, for final color decision.

SL-18 Door Construction

