

FRP/ALUMINUM HYBRID DOOR

The world's first FRP/aluminum flush door: Special-Lite® SL-17

Special-Lite SL-17 pebble grain doors were first designed to offer a solution to the school market by offering a door that would have a long, maintenance-free life and dent/graffiti resistance for tough applications. It didn't take long for the SL-17 to be synonymous with School Door. Over the next 30+ years, with advancements in materials and technology, this door moved from schools to many other high abuse and heavy traffic locations.

Features

- Manufactured with stiles and rails of extruded 6063-T6 aluminum alloy
- All anodized finishes are Class I (.7 mil)
- Stiles and rails are joined with mitered corners and angle blocks secured by 3/8" diameter full-width galvanized steel tie rods
- Standard reinforcements provide secure attachment for common hardware
- 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
- SpecLite3® face sheets are .120" thick and provide scratch, scuff and fade resistance
- Face sheets are through-colored so scratches and wear are not obvious and repainting is never needed
- Poured-in-place, closed-cell polyurethane core
- Thermal performance when installed in thermally broken frame (no vision lite): U-value = 0.31, R-value = 3.23

Options

- Unique configurations available such as arched doors, odd sizes, unequal pairs, monorail cut-outs, dutch doors, bi-fold doors, and custom lites
- Match any color with a painted pebble grain sheet
- Doors can be supplied with hardware installed, reinforced only, or prepped for field installation of hardware
- Optional reinforcements for specific hardware



OPTIONS FOR:



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

The poured-in-place polyurethane core of our SL-17 is not just a 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 urethane foam bonds firmly to the stiles, rails, reinforcements and face sheets to transform the door into a solid, completely sealed unit with incredible impact resistance and flexural strength. Our urethane foam won't absorb or be damaged by water.

Building Applications

For problem entrances or challenging environments, you can't beat the super tough SL-17. It is the proven choice for K-12 schools, public buildings, sports complexes, water and wastewater treatment facilities, and other applications that quickly damage or destroy lesser doors.

Warranty

We stand behind our products with a 10-year, 100% parts and labor warranty. Plus, an additional limited lifetime warranty. Ask your sales representative for a copy of our warranty statement, and compare it to what other supplier warranties actually cover after all of their exclusions and limitations. *You'll see that when you specify Special-Lite, you're really covered.*

SL-17 Door Construction

