

**Product Description**

Versalit Low-Gloss FRP is a fiberglass product based on a polyester resin system. It is a high strength, gelcoated fiberglass composite panel made with an optimum glass content balance that is UV stabilized to enhance weathering capabilities.

**Purpose**

Versalit Low-Gloss FRP is specifically designed for use as exterior RV walls.

**Typical Values**

| PROPERTIES           | TYPICAL VALUE     | TEST METHOD   |
|----------------------|-------------------|---------------|
| Flexural Strength    | 19,000 PSI        | ASTM D - 790  |
| Flexural Modulus     | 550,000 PSI       | ASTM D - 790  |
| Tensile Strength     | 12,000 PSI        | ASTM D - 638  |
| Tensile Modulus      | 850,000 PSI       | ASTM D - 638  |
| Izod Impact          | 7 Ft. Lbs.        | ASTM D - 256  |
| Barcol Hardness      | 40                | ASTM D - 2583 |
| COLTE                | 0.000015 IN/IN °F | ASTM D - 696  |
| Water Absorption (%) | 0.3               | ASTM D - 570  |
| Specific Gravity     | 1.6               | ASTM D - 792  |

**Physical Properties**

| PROPERTIES          | TYPICAL VALUE   |
|---------------------|---|
| Nominal Thickness   | 0.05"   |
| Nominal Weight      | 0.42 lbs / Sq. Ft   |
| Finish              | Smooth. Backside Corona treated                               |
| Length              | Bulk coils of 500 linear feet as well as cut-to-length sheets |
| Width               | Up to 105"  |
| Minimum Bend Radius | 7"  |

**NOTES: Versalit FRP is available in bulk coil of 500 linear feet as well as cut-to-length sheets. A tack film is applied to face side to protect surface during production process.**

**Versalit Low-Gloss FRP Selections**

- Nominal thickness of 0.050" = 1.27 mm
- Available in bulk coils of 500 linear feet as well as cut-to-length sheets.
- Standard color is Artic White & custom colors available.
- Smooth finish and backside, Corona treated.
- Tack film of face side to protect surface during RV production.

**Finished Panel Quality**

Versalit Low-Gloss FRP has a smooth finish on the front side with uniform color throughout. Backside may have imperfections, which do not affect functional properties, and therefore, are not cause for rejection.

**Dimensional Tolerances**

Length: ±1/8"; Width: ±1/8"; Squareness: ±1/8"; Thickness: ± 10% to nominal thickness.

**Lamination**

Stabilit advises a maximum moisture content of any luaun substrate of 12% when lamination occurs. Glue coverage of the substrate needs to be 100% and should be administered per the adhesive's manufacturer instructions. Both the FRP and substrate should be free of dust, dirt particles and moisture prior to being laminated. Should there be a failure to follow these guidelines, Stabilit will not be held responsible for any loss.

The introduction of water to the substrate after lamination, by any means, may cause blistering of the gelcoat and/or delamination and therefore will not be covered by the warranty.

Stabilit does not recommend laminating to layered paper substrates as testing has confirmed this can result in distortion of the gelcoat surface and failure between the panel and substrate. Stabilit must approve lamination of its products to any substrate other than luaun.

#### Aesthetics

Versalit Low-Gloss FRP panels will provide a bright clean look when installed. Please note that periodically small areas that are unacceptable for use will be present on the panels. Stabilit will always do its best to identify these areas, but it's recommended that the user inspect the panels prior to installation.

Stabilit will not cover labor, installation or handling expenses associated to the lamination of a defective panel.

#### Dark Color Decals / Gelcoat / Paint

Darker decals, gelcoat and paint can cause excessive heat buildup resulting in sidewall cracking, delamination and rippling. All dark colors must be approved by Stabilit to maintain benefits of the product warranty.

#### Cutting

Versalit Low-Gloss FRP panels can be cut using power saws with a carbide tip or masonry blades. Use caution and always wear protective goggles and a filter mask when cutting panels.

#### Installation

Follow industry wide fastening procedures utilizing mechanical and/or adhesives.

#### Storage

All Versalit Low-Gloss FRP panels should be stored indoors in a cool dry area. Moisture permitted to remain trapped between panels can cause expansion and discoloration.

#### Maintenance

To ensure that Versalit Low-Gloss FRP panels retain their sparkling clean looks, a periodic cleaning with warm soapy water or steam cleaning is recommended. See care and maintenance instructions.

#### Nonwarranty

The information contained in this literature is presented in good faith, and is believed to be accurate at the time of publication. No representation, guarantee or warranty is made as to the completeness, reliability or accuracy of this information. There is no implied warranty, merchantability or functional use for specific applications. Versalit Low-Gloss FRP is designed to be fully bonded to a substrate, any deviation needs the express written approval from Stabilit or the warranty will be voided.

#### Color Change

Exposure to sunlight and weathering will cause color to change over time; this is normal.

**NOTE: This product is not intended for interior use that requires a Class C fire rating.**

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