

6637
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WEATHERGLAZE CORRUGATED PANELS



Weatherglaze corrugated fiberglass panels are ideal for a wide variety of building projects. They're strong, durable and built to last. These high performers withstand adverse weather conditions and come backed with a 10-year warranty.

- Tough, Fiberglass Construction
- 10-Year Warranty
- Withstands Adverse Weather Conditions
- Lightweight and Easy to Handle
- Engineered to Last

WeatherGLAZE panels are economical to install and perform well in mild climate areas.

TABLE ONE: PHYSICAL PROPERTIES

| PROPERTY | NOMINAL | TEST METHOD |
|--------------------------------------|---------------------------------|-------------|
| Tensile Strength | 10,500 psi | ASTM D-638 |
| Tensile Modulus | 0.09 x 10 ⁶ psi | ASTM D-638 |
| Flexural Strength | 20,000 psi | ASTM D-790 |
| Flexural Modulus | 0.8 x 10 ⁶ psi | ASTM D-790 |
| Punch Shear Strength | 10,000 psi | ASTM D-732 |
| Coefficient of Thermal Expansion Bar | 1.5 x 10 ⁻⁵ in/in/°F | ASTM D-696 |
| Barcol Hardness | 40-50 | ASTM D-2583 |
| Burning Rate | < 2.0 in/min | ASTM D-635 |
| Uniform Building Code Class | CC2 | STD 52-4 |
| Ignition Point | 650°F | ASTM D-1929 |

TABLE TWO: DESIGN TABLE

| PRODUCT CODE | DESCRIPTION | COLOR | LIGHT TRANSMISSION | CORRUGATION |
|--------------|--|-----------|--------------------|--------------------|
| C25TF | Weatherglaze Glass, Fiber-Reinforced Polyester Plastic, UV Stabilized Translucent Panels | 711 Clear | 95% | 2.67" x 9/16" wave |
| | | 933 Green | 60% | |
| | | 912 White | 70% | |

TOLERANCE:

Panel Weight - $\pm 10\%$

Rib Height - $\pm 1/16"$

Length - $\pm 1/8"$

Width - $\pm 1/8"$

SAFETY:

DO NOT WALK ON PANELS. Sequentia Corrugated panels are not intended to support the undistributed weight of workers. Roofing ladders or 1"x12" planks, or equivalent means of protection must be used during any work on roofs.

Observe fire safety. Sequentia Corrugated panels are similar in combustibility to wood of equal thickness and can be flash-ignited at approximately 650°F. Proper precautions must be used during storage, construction, and after installation.

STORAGE RECOMMENDATIONS:

Store panels properly. While a single panel easily withstands exposure to sunlight and the elements, a stack of panels will trap heat and moisture, causing internal clouding in the panels. To avoid this irreversible effect, panels must be stored in a dry, shaded, well ventilated area. Preferably store on end or on edge. Skids should be elevated at one end by wood spacers. Failure to comply with recommended storage procedures will void the warranty on the panels.

MAINTENANCE INSTRUCTIONS:

To preserve appearance of weather exposed panels, hose down periodically to remove accumulated, corrosive dust and dirt. At first signs of surface dullness, rinse panels clean, allow to dry and apply a surface refinisher. Neglected panels showing exposed fibers and embedded dirt may be substantially restored by cleaning with a stiff bristle brush or fine steel wool and water, and after thorough drying, resealing panels with two coats of refinisher

CHEMICAL RESISTANCE:

The polyester resins and glass fibers used in Sequentia Corrugated panels are resistant to a broad range of chemicals and atmospheric contaminants.

WARRANTY:

Sequentia Corrugated WeatherGLAZE panels as manufactured by Crane Composites, Inc., 23525 West Eames St., are warranted for a period of ten (10) years from the date of purchase to be free from substantial defects in materials and workmanship. This warranty is extended only to original purchaser and is non-transferable. For complete warranty information, see technical data 2523.

CERTIFICATION:

A. ASTM D-3841, Standard Specification for Glass Fiber Reinforced Polyester Plastic Panels

We believe all information given is accurate. It is offered in good faith, but without guarantee. Since conditions of use are beyond our control, all risks are assumed by the user. Nothing herein shall be construed as a recommendation for uses which infringe on valid patents or as extending a license under valid

FLAME SPREAD AND SMOKE DEVELOPMENT RATINGS

The numerical flame spread and smoke development ratings are not intended to reflect hazards presented by Crane Composites products or any other material under actual fire conditions. These ratings are determined by small-scale tests conducted by Underwriters Laboratories and other independent testing facilities using the American Society for Testing and Materials E-84 test standard (commonly referred to as the "Tunnel Test"). CRANE COMPOSITES PROVIDES THESE RATINGS FOR MATERIAL COMPARISON PURPOSES ONLY. Like other organic building materials (e.g. wood), panels made of fiberglass reinforced plastic resins will burn. When ignited, frp may produce dense smoke very rapidly. All smoke is toxic. Fire safety requires proper design of facilities and fire suppression systems, as well as precautions during construction and occupancy. Local codes, insurance requirements and any special needs of the product user will determine the correct fire-rated interior finish and fire suppression system necessary for a specific installation.