



Sequentia® WeatherGlaze® Standard FRP Panel | C25TF

Product

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

Features and Benefits

- Tough fiberglass construction
- Withstands harsh weather conditions
- Lightweight and easy to handle
- Engineered to last



Table One: Physical Properties

Typical Values			
Property	C25TF		Test Method
Flexural Strength	20 x 10 ³ psi	152 MPa	ASTM - D790
Flexural Modulus	0.8 x 10 ⁶ psi	5516 MPa	ASTM - D790
Tensile Strength	10.5 x 10 ³ psi	72 Mpa	ASTM - D638
Tensile Modulus	0.09 x 10 ⁶ psi	621 MPa	ASTM - D790
Barcol Hardness	50	50	ASTM - D2583
Puncture Shear Strength	10 x 10 ³ psi	69 MPa	ASTM - D790
Burn Rate	CC2	CC2	ASTM - D695
Ignition point	650°F	343°C	ASTM - D1929
Coefficient of Linear Thermal Expansion	1.5 x 10 ⁻⁵ in/in/°F	27 µm/m/°C	ASTM - D696
Light Transmission	95% Clear 60% Green 70% White	95% Clear 60% Green 70% White	ASTM - D1003

Table Two: Physical Properties

Product Code	Corrugation	Color	Description
C25TF	2.67" x 9/16" 67.8 mm x 14.3 mm Wave	Clear 711 Green 933 White 912	WeatherGlaze glass, fiber-reinforced polyester plastic, UV stabilized translucent panels

TOLERANCE

Panel Weight:	± 10%
Rib Height:	± 1/16" (±1.6 mm)
Length:	± 1/8" (±3.2 mm)
Width:	± 1/8" (±3.2 mm)

SAFETY

DO NOT WALK ON PANELS. Sequentia Corrugated panels are not intended to support the undistributed weight of workers. Roofing ladders or 1" x 12" 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

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.

CERTIFICATION

1. Standard specification for Glass Fiber Reinforced Polyester Plastic Panels (ASTM D-3841)
2. Meets minimum requirements of major model building codes for Class C interior wall and ceiling finishes of flame spread ≤ 200 smoke developed 450 or less (per ASTM E-84)

NOTICE

Panels will provide a clean, aesthetically-pleasing finished installation. However, by nature, fiberglass reinforced plastic paneling may occasionally have small areas that are aesthetically unacceptable for use. Panels should be inspected on-site prior to installation. If any portion of material does not provide an acceptable appearance, Crane Composites should be notified at once. Upon verification of unacceptability, that portion of material will be replaced by Crane Composites. Crane Composites sole responsibility is for the replacement of defective materials but not for labor or other handling or installation expenses.

FLAME SPREAD AND SMOKE DEVELOPMENT RATINGS

The numerical flame spread and smoke development ratings are not intended to reflect alleged hazards presented by Crane Composites products under actual fire conditions and this product has not been tested by Crane Composites except as set forth below. 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. We believe all information given is accurate, 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 patents. www.astm.org/Standards/E84.htm.

www.sequentia.com | 1.800.435.0080 | 1.815.467.8666 (fax) | salesbp@cranecomposites.com

Crane Composites is the manufacturer of Glasbord, Sequentia, Sanigrad II and a variety of other fiberglass reinforced plastic (FRP) composite wall panels. Inspired by the Kemlite tradition, Crane Composites has over 55 years of experience in Commercial Building Products and is a recognized industry leader in FRP applications.



CRANE Composites

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