

SEQUENTIA® Corrugated Panels

PRODUCT CODE: C25SF + C25TF

SUPER 600® + WEATHERGLAZE®

PRODUCT

Sequentia Corrugated Super 600 and WeatherGlaze 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. Super 600 is backed with a 20 year limited warranty and WeatherGlaze is backed with a 10 year limited warranty.

FEATURES AND BENEFITS

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

DESIGN PROPERTIES

PRODUCT CODE	WEIGHT	CORRUGATION	COLOR	FINISH	DESCRIPTION
C25SF	5.1 oz/ft ² 24.9 kg/m ²	267" x 1/2" Wave 67.8mm x 12.7mm	Clear 700 White 920 Green 1307	Smooth	Super 600 UV stabilized translucent panels
C25TF	3.7 oz/ft ² 18.06 kg/m ²	267" x 1/2" Wave 67.8mm x 12.7mm	Clear 711 White 912 Green 933	Textured Embossed	WeatherGlaze glass, fiber-reinforced polyester plastic, UV stabilized translucent panels

TYPICAL PHYSICAL PROPERTIES

PROPERTY	Super 600 C25SF	WeatherGlaze C25TF	TEST METHOD
FLEXURAL STRENGTH	22 x 10 ³ psi 152 MPa	11 x 10 ³ psi 76 MPa	ASTM - D790
FLEXURAL MODULUS	0.6 x 10 ⁶ psi 4137 MPa	0.4 x 10 ⁶ psi 2758 MPa	ASTM - D790
TENSILE STRENGTH	12 x 10 ³ psi 76 MPa	10 x 10 ³ psi 69 MPa	ASTM - D638
TENSILE MODULUS	1.0 x 10 ⁶ psi 6895 MPa	1.0 x 10 ⁶ psi 6895 MPa	ASTM - D638
BARCOL HARDNESS	45	40	ASTM - D2583
IZOD IMPACT	12.0 ft-lb/in notched 0.64 J/mm	4.0 ft-lb/in notched 0.21 J/mm	ASTM - D256
COEFFICIENT OF LINEAR THERMAL EXPANSION	15 x 10 ⁻⁵ 10/10 [°] F 27 μm/m/°C	15 x 10 ⁻⁵ 10/10 [°] F 27 μm/m/°C	ASTM - D696
LIGHT TRANSMISSION	92% (Clear 700) 58% (White 920) 18% (Green 1307)	95% (Clear 711) 66% (White 912) 45% (Green 933)	ASTM - D1494

FINISHED PANEL QUALITY

WEIGHT: ±10%
RIB HEIGHT: ±1/16" (±1.6 mm)
WIDTH: ±1/8" (±3.2 mm)
LENGTH: ±1/8" (±3.2 mm)

CERTIFICATIONS

Standard specification for Glass Fiber Reinforced Polyester Plastic Panels (ASTM D-3841)

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.

FABRICATING RECOMMENDATIONS

Prior to working with our products, see our most current SDS at valtoem.com/sds.html

STORAGE REQUIREMENTS

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.

CHEMICAL RESISTANCE

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

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.

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, VALTO should be notified at once. Upon verification of unacceptability, that portion of material will be replaced by VALTO. VALTO's 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 VALTO products under actual fire conditions and this product has not been tested by VALTO 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").

VALTO 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.

At Valto, we partner with our customers, and through innovation, deliver advanced materials that enhance everyday environments. We succeed through a culture of collaboration, continuous improvement, and excellence. With integrity at our core, we challenge the status quo and pursue innovative approaches that benefit our customers and associates.

Since 1954, Valto Engineered Materials has provided innovative products and services and is a leading provider of FRP composite panels. Our lightweight composite products deliver unsurpassed strength and durability; and we continue to pioneer next level performance in building materials, recreational vehicles, and transportation.