

Product Data (FRP)

**MOONLIGHT MOLDS, Inc.**  
**13720 S. Western Ave., Unit A**  
**Gardena, California 90249**

**Subject:** Product Data (FRP)

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**Manufacturer**

Moonlight Molds Inc.  
13720 S. Western Ave., Unit A  
Gardena CA 90249  
(310) 538-9142  
(310) 538-9717 FAX

Contact: Sales

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**Design**

**Shop Drawings:**

Shop drawings are submitted for verification of profiles, dimensions and surrounding construction of FRP units. Recommended attachment details are indicated on the shop drawings. Attachment methods shown on shop drawings are suggestions only. It is the responsibility for the installer to meet all local building codes.

**Material Description**

FRP units are fabricated with polyester resin, and glass fibers, using the hand the hand lay-up or spray-up (chopped) method.

**Mix Design:**

Polyester resin (fire retardant or general purpose)----- 25.0%  
Fiberglass (cloth, matt or "chop"/PPG, Owens-Corning or equal ----- 75.0%

**Testing**

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Our products are tested on the following criteria and test results available upon request.

<u>Test</u>	<u>Method</u>
Flexural Strength	ASTM C947
Flammability	ASTM 84
Smoke Density	ASTM D-2843
Barcol Hardness	ASTM D-2583
Tensile Strength	ASTM D-683
IZOD Impact Strength	ASTM D-256

### Testing Laboratory:

United States Testing Company, Inc.  
5555 Telegraph Road  
Los Angeles CA 90040  
(213) 723-7181

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### **Fabrication**

#### **Application:**

FRP will be placed into molds designed to match the shape and dimensions shown on the approved shop drawings. The nominal shell thickness will be no less than 1/8"

FRP units will be carefully removed from the molds and cured for a minimum of 1 day before handling. FRP units will be marked for identification.

#### **Finish:**

FRP surface is smooth, ready to receive primer and paint.

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### **Product Delivery, Storage and Handling**

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### **Delivery:**

FRP units are crated or palletized at the plant. Crated units are delivered to the jobsite via truck.

### **Storage:**

Store crated FRP products on a level surface protected from weather and damage. Do not unpack crates until immediately prior to installation.

### **Handling:**

Handle materials to prevent damage to finished surfaces.