

MOONLIGHT MOLDS, INC.
13720 S. Western Ave., Unit A
Gardena, California 90249
www.moonlightmolds.com

Subject: Product Data (GFRC)

Manufacturer

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

Contact: Sales

Design

Shop Drawings:

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

Material Description

GFRC units will be fabricated with Portland Cement, sand and glass fibers, using the pre-mix method.

Mix Design:

Portland Cement (Type I)	----- ASTM C150-----	41.6%
Silica Sand #30	----- ASTM C144-----	41.6%
Water (Potable)	-----	8.7%
Polymer (Forton)	-----	5.6%
Glass Fibers (Alkali Resistant)	-----	3.5%

Notes:

1. Forton (acrylic thermoplastic copolymer dispersion) is used as a curing agent to
2. Mill or suppliers' test certificates will be kept on file at our office and provided on request.

Testing

Product Data (GFRC)

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 E-84
Embedment Pull Off	
Insert Pullout	

Testing Laboratories:

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

Applied Materials & Engineering, Inc.
980 41st Street
Oakland CA 94608
(510) 420-8190

Fabrication

Mix:

GFRC will be batched and blended in accordance with industry standards using the specified mix design.

Application:

GFRC mixture 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 3/4".

GFRC units will be carefully removed from the molds and allowed to cure for a minimum of 14 days before handling. GFRC units will be marked for identification.

Finish:

GFRC surface will be smooth, ready to receive primer and paint or as specified.

Product Delivery, Storage and Handling

Product Data (GFRC)

Delivery:

GFRC units will be crated or palletized at the plant. Crated units will be delivered to the jobsite via truck.

Storage:

Store crated GFRC 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.