Subject: Product Data (Pre-Cast Concrete)

Manufacturer: Moonlight Molds Inc.
Contact: Estimating/Sales
13720 S. Western Ave., Unit A
Gardena, CA 90249
(310) 538-9142
(310) 538-9717 FAX

Shop Drawings:
Shop drawings will be submitted for verification profiles, dimensions and surrounding construction of Pre-Cast Concrete units. Recommended attachment details will be indicated on the shop drawings.

Material Description:
Pre-Cast Concrete units will be fabricated with Portland Cement, and sand, using the pre-mix method.

Mix Design:
Portland Cement (Type III) --------------ASTM C150------------------------------------- 21.66%
Silica Sand #30 ---------------------ASTM C144-------------------------------------- 69.13%
Water (Potable) ----------------------------------------------------------------- 8.06%
Polymer (Forton) ----------------------------------------------- 1.15%
Product Data (Pre-Cast Concrete)

Notes:
1. Forton (acrylic thermoplastic copolymer dispersion) is used as a curing agent to eliminate the need for moist curing.
2. Mill or suppliers’ test certificates will be kept on file at our office and provided on request.

Fabrication

Mix:
Pre-Cast Concrete will be batched and blended in accordance with industry standards using the specified mix design.

Application:
Pre-Cast Concrete 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 1 1/2”.
Pre-Cast Concrete units will be carefully removed from the molds and cured for a minimum of 14 days before handling. Pre-Cast Concrete units will be marked for identification.

Finish:
Pre-Cast Concrete surface will be smooth, ready to receive primer and paint.

Product Delivery, Storage and Handling

Delivery:
Pre-Cast Concrete units will be crated or palletized at the plant. Crated units will be delivered to the jobsite via truck.

Storage:
Store crated Pre-Cast Concrete 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.