

MONOLITE® EXTERIOR STUCCO

Single component cement color coat finish

Monolite Exterior Stucco is a color coat finish that is intended to be applied over a Portland cement base coat by hand or machine application. 30 Colors are available in Pre-mix form. Special Colors are available on request.



COMPOSITION:

Monolite Stucco is a mechanically blended compound of Portland cement, hydrated lime, aggregates and proprietary ingredients.

PACKAGING:

Monolite Exterior Stucco is available in 90 lb. (40.9 kg) bags, 30 bags per pallet. All thirty colors are available in premix or box and base. There are a variety of finishes including, 20/30, 16/20, and 30/60.

STORAGE:

Store under cool dry conditions! Properly stored, Monolite® Exterior Stucco has a shelf life of approximately six (6) months from the date of manufacture.

COVERAGE:

Approximate coverage per 90 lb. bag: Float Finish 16-20 sq yd. Light Spanish texture or machine dash 10-15 sq yd.

JOB PROCEDURE:

A: CONDITION OF BASE

- 1) The finish of the plaster "brown coat" determines the texture of the Santa Barbara Mission stucco finish.
- 2) First, Darby or trowel the base to produce the desired texture.
- 3) Next, float or brush the base to eliminate "slick spots" and open the surface to enable a good mechanical bond for the finish coat.
- 3) Hand application over Portland cement plaster: Prior to application of exterior stucco finish, the base coat shall be sprayed with clean water to control and equalize suction. For application over Portland cement Brown coat, contact Squires-Belt proper preparation.

B: MIXING

Mixing Instructions:

- 1) Using a mechanical plaster mixer, mix 90lb bag of Monolite stucco with 4.5 gallons of potable water to a thin consistency until it is smooth and free of lumps.
- 2) If using Box and Base add appropriate amount of cartons per sack. Mix until color is evenly dispersed. (Approximately 2 to 5 minutes)
- 3) Stop mixing for 5 to 10 minutes to temper the mix. Add only the additional amount of water necessary to bring the stucco to a workable consistency. This will allow longer open time during the application of the stucco.
- 4) *Note: All cement/lime products should be mechanically mixed for a minimum of twenty (20) minutes after the last bag of stucco base is added.*

C: APPLICATION:

Color coat should be approximately 1/8" thick.

- 1) Hand application over a Portland cement brown coat: Spread on even coat and texture to desired finish.
- 2) Machine application: Spray first coat over the dry surface and cover base coat completely. During periods of high humidity it is recommended that one full day be allowed between coats.
- 3) During periods of hot or dry weather conditions, a light spray (mist) of clean water is recommended over the stucco finish. Monolite stucco will normally set and dry the same day. Allow 28 days for curing.
- 4) Color performance may be affected by the addition of field additives and this is something that is not recommended.
- 5) Do not over-trowel smooth finishes. Excessively over-troweling can cause bubbles or air pockets, cracking or discoloration.

Note: Stucco with 20/30 sand is not designed for smooth finish. Santa Barbara Mission finish is the product designed for use as smooth trowel finish.

MATERIAL SPECS AND STANDARDS:

- A. All exterior stucco shall be manufactured by Monolite Stucco and be the color finish and sand grade shown on the color chart.
- B. Portland Cement: UBC 24-3.
- C. White Portland cement: ASTM C-150 Type
- D. Type S Hydrated Lime: ASTM C-206 & ASTM C-207

SAFETY:

Always wear proper safety equipment, including particle mask when mixing and or applying this product!

TECHNICAL DATA:

Test	Requirement	Typical Values
Bucket Life @ 70°F		3 hours 20 min.
Compressive Strength	1-Day	>650 psi
Compressive Strength (ASTM C-109)	28-Day	>2,500 psi
Shrinkage (ASTM-C-157)		
Bond to Cement (ASTM-C-882)		
Water Absorption (ASTM-C-672)		
Tension Bond (ASTM-C-297)		

Last revised March 2003

Monolite Stucco Products

Manufactured by Squires-Belt Material Co.
4567 Federal Blvd., San Diego, CA 92102
619-266-6100 • www.monolitestucco.com

