



SECTION 09 25 23
LIME BASED PLASTERING
[TEXSTON MARMORINO™
MATURE SLAKED LIME PUTTY EXTERIOR PLASTER]

PART 1 GENERAL

1.01 SUMMARY

- A. Section Includes: Mature Slaked Lime Putty-based decorative plaster exterior finish.

Coordinate related sections to assure satisfactory preparation of substrates.

Plaster Brown Coat: Apply brown coat in accordance with ASTM C926 - Application of Portland Cement-Based Plaster and Portland Cement Association's Portland Cement Plaster (Stucco) Manual. Pay particular attention to moist curing requirements to minimize shrinkage cracking; cure at least seven days (21 days recommended) prior to application of finish coating. For additional resistance to cracking, an alkali resistant fiber mesh should be imbedded into brown coat.

EIFS Base Coat: Comply with exterior insulation and finish system manufacturer's instructions.

Specify expansion and control joints, corner beads, flashings and required trim. Require corrosion resistant trim and fasteners in exterior and wet areas.

Marmorino can also be used over existing surfaces, concrete, masonry, wood, and other substrates. Contact TexSton for substrate preparation recommendations.

- B. Related Sections:
1. Section [09 24 00 – Portland Cement Plastering].
 2. Section [_____ - _____]: Substrates.

1.02 REFERENCES:

- A. ASTM E84 – Surface Burning Characteristics of Building Materials.
- B. ISO 9002 – Quality systems -- Model for Quality Assurance in Production, Installation and Servicing.

1.03 SUBMITTALS

- A. Product Data: Submit copies of manufacturer's product data for finishes and other materials provided under this Section including installation instructions.
- B. Shop Drawing: Indicate designs, colors locations and relationship to adjoining surfaces.

- C. Verification Samples: Submit [two] [_____] sets of samples [eight by ten] [_____] inches in size illustrating range of color[s] and texture[s] to be expected in completed work.
- D. Application Instructions: Submit complete manufacturer’s application instructions. Include requirements for preparation of surfaces, method of application of each finish, and recommended curing and protection methods.
- E. Qualification Data: Submit a certificate indicating that installer is authorized by the manufacturer to install specified product.
- F. Installer’s experience Record: Submit a list of at least 5 installations that have been installed for a minimum of 3 years of finish system similar in size, type and scope as described in this document. Include contact names and phone numbers.
- G. Maintenance Data: Submit manufacturer’s recommended cleaning and maintenance data as specified in section 01 74 00 [_____]. Include maintenance procedures, recommended maintenance materials, and suggested schedule for cleaning.

1.04 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Finish shall be produced in ISO 9002 certified facility. Manufacturer shall be company specializing in manufacturing products specified in this section with minimum four years experience.
- B. Installer: Installers shall be specially trained in the application of the finish. Installers shall have completed at least five installations of finishes similar to type included in this Section and shall have trained and certified by manufacturer.
 - 1. Approved Installers:
 - a. [_____].
 - b. [_____].
 - c. [_____].
- C. Technical Representation: Arrange and pay for a factory technical representative to be present at the start of the work and to observe the work in progress for 6 hours.
- D. Mock-up:
 - 1. Prior to installation of work of Section, apply sample [of each specified finish] approximately [4 feet by 4 feet] [_____] in size at location directed by [Architect] [_____].
 - 2. Use specified materials and techniques to illustrate range of color[s], texture[s], and workmanship to be expected in completed work.

3. Retain approved mock-up until work has been completed and accepted.
[Accepted mock-up may be incorporated into final work.]
- E. Single Source Responsibility: Provide only proprietary, factory-formulated materials as produced by TexSton Industries, Inc. specifically for application indicated. Substitutes within the system are not permitted.
- F. Pre installation Meeting: After approval of submittals but prior to beginning installation of work of this Section, conduct a meeting at the site attended by Architect, Contractor, installers of substrates to receive the mature slaked lime plaster finish, to describe in detail the necessary preparatory work to enable installation of the finish, and to establish agreement, coordination and responsibilities. Prepare a detailed report of this meeting and furnish copies to the Architect and all attendees.

1.05 DELIVERY, STORAGE, AND HANDLING

- A. Delivery and Storage: Protect materials from direct sun in shipment, storage, and handling. Deliver materials in manufacturer's unopened packages, and store in dark and dry place between 45 and 95 degrees F.

1.06 WARRANTY

- A. Manufacturer's Limited Warranty: Provide Manufacturer's five-year limited warranty against products defects.

PART 2 PRODUCTS

2.01 ACCEPTABLE MANUFACTURER:

TexSton Industries, Inc
8025 Deering Avenue
Canoga Park, CA 91304
800-788-7113
818-227-4812
Fax 818-227-4852
www.texston.com.

2.01 FINISH

- A. Product: TexSton Marmorino™
- B. Composition: White, premixed paste containing finely ground marble, slaked lime (mature lime putty) which has been aged twelve months minimum, acrylic polymers, rheological additives, and mildewicidal and fungicidal admixtures.
- C. Performance: Class A; surface burning characteristics not exceeding Flame Spread = 0 and Smoke Density = 0 when tested according to ASTM E84.

D. Finish Code # [_____]

E. Color[s]: [_____] Multiple colors as indicated on Schedule at end of this section]

2.02 ACCESSORIES

A. Primer: TexSton primer compatible with the substrate.

B. Sealer: TexSton recommended sealer or top coat.

2.03 TOOLS

A. Use stainless steel trowels and spatulas of types recommended by manufacturer to produce intended results.

PART 3 EXECUTION

3.01 EXAMINATION

A. Inspect substrates and conditions affecting work of this Section. Do not proceed until unsatisfactory conditions have been corrected.

3.02 PREPARATION

A. Mask and protect adjacent surfaces not scheduled to receive products of this Section.

B. Substrate Preparation:

1. Existing Substrates:

a. Remove deteriorated substrates and patch in acceptable manner.

b. Wash with trisodium phosphate mixed at rate indicated on product label. Rinse, neutralize, and wipe dry.

2. New Substrates:

a. Brown Coat: Remove projections and, if required, fill depressions with leveling coat.

3. Substrates shall be clean and free of contamination.

C. Apply TexSton “Solution” penetrating primer over brown coat or level coat according to manufacturer instructions.

3.04 MIXING

A. Mix materials to assure colorants are uniformly dispersed. Mix with clean tools and protect against entry of dust and debris into container.

3.06 APPLICATION

- A. General:
 - 1. Comply with manufacturer's installation requirements.
 - 2. Apply when temperature is between 45 to 95 degrees F.
 - 3. Do not bridge expansion or control joints.
 - 4. Apply finish in continuous application, free from cold joints, scaffold lines, and other deficiencies detrimental to appearance and performance.
 - 5. Mask and protect adjacent surfaces not scheduled to receive products of this Section.

3.07 SEALING

- A. Allow 24 hours for plaster substrate to dry before applying sealer.
- B. Apply according to sealer manufacturer's instructions. Protect adjacent surfaces against overspray.
- C. Apply two coats. Allow first coat to dry 24 hours before applying second coat. Promptly after application of second coat, wipe surface to remove excess sealer.

3.08 CLEANING

- A. Remove masking.
- B. Adjacent Surfaces: Remove plaster using methods which will not damage surfaces.

3.09 PROTECTION

- A. Protect finishes as required to assure that they will be without damage at Substantial Completion.
- B. Repair damage in accordance with manufacturer's instructions and to satisfaction of Architect.

3.10 FINISH SCHEDULE

- A. TexSton Marmorino
Location: [_____]
Marmorino Finish System Code # [_____]
Color: [_____]
- B. TexSton Marmorino
Location: [_____]
Marmorino Finish System Code # [_____]
Color: [_____]

END OF SECTION

© 2006, TexSton. Document may be copied by qualified design and construction professionals for use in preparing project specifications or purchase orders for TexSton products. ™ Trademark of TexSton.
Revised 1/21/10