VASARI
PLASTER & STUCCO

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SECTION 09 25 23
LIME PAINT
VASARI PLASTER & STUCCO ™ LIME PAINT

PART 1   GENERAL

1.01   SUMMARY

A.   Section Includes: Lime based, natural minerals decorative plaster interior finish.

B.   Related Sections:
1. Section 09 21 00 - Plaster and Gypsum Board Assemblies
2. [Sections specifying other substrates as appropriate].

1.02   REFERENCES:

A.   ASTM   E84 – Surface Burning Characteristics of Building Materials.
B.   ASTM   D1308-02 - Household Chemical Resistance.
C.   ASTM   D2486-06 – Scrub Resistance.
D.   ASTM   D3363 – Pencil Hardness.
E.   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] of selected Finish Codes, showing variation maximum 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 3 years experience.

B. Installer: Installers shall be specially trained in the application of the finish. Installers shall have completed at least 2 installations of finishes similar to type included in this Section and shall have trained and certified by manufacturer.
   1. Approved Installers:
      a. [_____].
      b. [_____].
      c. [_____].

D. Mock-up:
   1. Prior to installation of work of Section, apply sample [of each specified finish] approximately [2 feet by 2 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 retain 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 Vasari Plaster Industries, Inc. specifically for application indicated. Substitutes within the system are not acceptable.

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 85 degrees F.

1.06 WARRANTY

A. Manufacturer's Limited Warranty: Provide Manufacturer's 10 year limited warranty against product defects.

PART 2   PRODUCTS

2.01 ACCEPTABLE MANUFACTURER:
Vasari Plaster & Stucco llc
1725 North Ventura Ave.
Ventura, CA 93001
(805) 667-8454
www.vasariplaster.com

2.02 SYSTEM PERFORMANCE REQUIREMENTS

A. Composition: White, premixed paste containing finely ground marble, filtered lime, natural polymers, synthetic binders and viscocity modifiers.

B. Surface Burning: Class A; surface burning characteristics not exceeding Flame Spread = 0 and Smoke Density = 0 when tested according to ASTM E84.

C. Pencil Hardness: 6H**/3B when tested in accordance with ASTM- 3363**

D. **Scrub Resistance: Minimum of 10000 cycles using 10grams of scrubbing medium and 5 grams of water ASTM D2486-06.**

E. **Chemical exposure: ASTM D-1308-02 (WD40- slight discoloration, Phosphoric Acid Solution-discoloration).**

2.03 FINISH

A. Product: Vasari Plaster [_____] Lime Wash™, Marmorino™, Carrera™, Stucco™, Lime Wash™

B. Finish Code # [_____]

C. Color[s]: [_____] From Vasari Plaster selection of 60 standard color. Colors can also be matched from almost any paint fandeck or other sources.

2.04   ACCESSORIES

A.   Primer: Provide Vasari Plaster primer of type compatible with substrate.

B.   Sealer. Provide Vasari Plaster recommended sealer.

C.   Wax. Provide Vasari Plaster of type compatible with Finish Code.

2.05   TOOLS

A.   Use stainless steel or concrete trowels and spatulas of types recommended by manufacturer to produce results as indicated on approved submittals.

PART 3   EXECUTION

3.01   EXAMINATION

A.   Inspect substrates and conditions affecting work of 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 Section.

B.   Substrate Preparation:

1.   Existing Substrates:
   a.   Deteriorated Surfaces: Remove deteriorated substrates and patch in acceptable manner.
   b.   Oily or Glossy Surfaces and Oil-Based Paint: Lightly sand prior to washing
   c.   Wash with trisodium phosphate mixed at rate of indicated on product. Rinse, neutralize, and wipe dry.

2. New Substrates:
   a. Gypsum wallboard: Level 3 or higher finish
   b. Interior plaster: Smooth steel trowel finish, flat within 1/8" in 10 feet.

3.   All Substrates shall be clean and free of contamination.

C.   Prime: Apply primer in compliance with manufacturer direction.

3.03   MIXING

A.   Mix materials to assure colorants are uniformly dispersed. If necessary, dilute with small amount of clean, potable water. Mix with clean tools and protect against entry of dust and debris into container.

3.04   APPLICATION

A. Comply with manufacturer's installation requirements.

B. Apply in multiple coats or courses as required to obtain color and appearance of approved sample.

C. Apply only when temperature is between 45 to 85 degrees F.

3.05 SEALING/WAXING

A. Allow 24 hours for plaster substrate to dry before applying sealer.

B. Apply according to sealer manufacturer's instructions. Protect 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.
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3.06 CLEANING

A. Remove masking.

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

3.07 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.

3.07 FINISH SCHEDULE

A. Vasari Plaster Lime Wash
Location: [_____]
Lime Wash Finish System Code # [_____]
Color: [_____]

B. Vasari Plaster Lime Wash
Location: [_____]
Lime Wash Finish System Code # [_____]
Color: [_____]

END OF SECTION