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SECTION 09 25 23
ARCHITECTURAL SPECIFICATION
MASTERCOAT PLASTER
VASARI LIME PLASTER & PAINT™

PART 1 GENERAL

Notes to Specifier:

Text in boxes is information for specifiers and should be deleted in project specifications.

Vasari Lime Plaster & Paint is a manufacturer of lime plaster and lime paint finishes for exterior and interior use. Certain products are suitable for interior use only, while others are formulated for exposure to weather, UV resistance and minimum fading. A wide variety of colors and textures are available.

The specifier should determine the appropriate products for selected color, texture, degree of sheen and select from the Vasari Lime Plaster & Paint line the product which will produce the desired result.

Edit this specification as required for substrates for the project.

For assistance in selection, for color samples and for review of proposed project specifications, consult with Vasari at (805) 667-8454.

Vasari Plaster is a manufacturer only. Vasari Plaster is not responsible for defects that are not related directly to the manufacture of the finishes.

The following is provided as a guide to specifying the various applications of Vasari Plaster MASTERCOAT, but does not infer that Vasari Plaster approves materials other than those provided by Vasari Plaster. Installation methods specified herein are provided as a guide only.

1.01 SUMMARY

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

Coordinate related sections to assure satisfactory preparation of substrates. Use care when specifying substrates to adequately define acceptable levels of quality.

Gypsum Drywall: Provide Level 2 or higher finish in accordance with Gypsum Association's GA-214 - Recommended Levels of Gypsum Board Finish; Level Five provides highest quality and is especially recommended where severe lighting conditions occur, on large wall areas, and when smooth, gloss finishes are used.

Plaster: MASTERCOAT can be applied over most types of smooth plaster substrates, including two and three-coat gypsum plaster systems, joint compound, and gypsum veneer plaster. Substrate must have smooth steel trowel finish or equivalent.

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

MASTERCOAT can also be used over other smooth, prime painted interior substrates. Visit www.vasariplaster.com or contact Vasari Plaster for substrate preparation recommendations.

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 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 Lime Plaster & Paint
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www.vasariplaster.com

2.02 SYSTEM PERFORMANCE REQUIREMENTS

- A. Composition: White, premixed paste containing finely ground marble, filtered lime, natural polymers, synthetic binders and viscosity 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 10 grams 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 [_____] Veneziano™, Marmorino™, Carrera™, Lime Paint™
- B. Finish Code #, if any. [_____]
- C. Color[s]: [_____] From Vasari Plaster selection standard colors. Colors can also be custom matched from almost any paint color 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, concrete trowels or plastic 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 2 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.

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 MASTERCOAT
Location: [_____]
MASTERCOAT Finish System Code # [_____]
Color: [_____]
- B. Vasari Plaster MASTERCOAT
Location: [_____]
MASTERCOAT Finish System Code # [_____]
Color: [_____]

END OF SECTION