

## *Meoded Paints & Decoration™*

### *MARMORINO PALLADINO™* *Lime & Marble based plaster* *(Stone Finish)*

#### **Section 09222 –Decorative plaster**

*Marmorino Palladino™* an interior and exterior decorative wall plaster, comes in a natural lime and marble dust paste. Palladino produces authentic, Italian textures due to the thicker body formed by its medium size grain. These textures enhance the look and feel of any location that needs a warm and dramatic appearance. Palladino™ produces a wide range of textures including a distressed, marble-like finish, and various natural stone-looks.

#### PART 1 - GENERAL

##### 1.1 SUMMARY

###### A. Product Description:

1. Decorative, slaked lime/powdered marble, plaster finishes
2. Applied in interior and exterior installations over smooth solid substrates

##### 1.2 REFERENCED STANDARDS

- A. ASTM E 84: Provides a Class A finish complying with ASTM E 84 – Surface Burning Characteristics of Building Materials when applied over inorganic reinforced cement board as follows:
1. Flame Spread: 0
  2. Smoke Density: 0.

##### 1.3 SUBMITTALS

- A. Product Data: Provide manufacturer's product data for each Meoded product indicated including MSDS.
- B. Shop Drawings: Show locations and installation of products within plans, elevations, sections and details of components. Specify control and expansion joints and attachments to other work.
- C. Samples for Verification: Submit (\_\_\_\_\_) samples for each type of factory-prepared finish coat indicated. Each sample should measure 12 by 12 inches (305 by 305 mm) or other size specified by designer or architect, be displayed on rigid backing, and illustrate the range of colors and textures of the finish codes.
- D. Application: Submit manufacturer's installation instructions indicated in Sections 3.1-3.5 below.
- E. Maintenance: Submit complete documentation of manufacturer's cleaning and protection

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instruction consistent with sections 3.6 and 3.7 below.

#### 1.4 QUALITY ASSURANCE

- A. Color and texture: Match the control sample(s) provided by the Architect.
- B. Qualifications:
  - 1. Manufacturer Qualifications: The manufacturer shall have at least 4 years experience producing Italian plaster finishes of the type specified.
- C. Technical Consultation: Manufacturer can make a factory, technical expert available to observe the first 6 hours of installation work at the customer's expense.

#### 1.5 DELIVERY, STORAGE, AND HANDLING

- A. Keep materials away from direct sunlight. Store them in original, unopened packages in a dry, dark location at temperatures between 45 and 95 degrees F. Protect against damage from weather, direct sunlight, surface contamination, construction traffic, and other causes.

### PART 2 - PRODUCTS

#### 2.1 DECORATIVE PLASTER

- A. Description of acceptable product: *Meoded Marmorino Palladino™*.
- B. Manufacturer: Meoded Paints & Decoration Los Angeles, CA; Phone 323-342-9870, fax 323-342-9853. Contact person- Kobi Hagai [www.meodedpaints.com](http://www.meodedpaints.com)
- C. Substitution: None permitted.
- D. Composition: White, premixed paste containing marble dust, slaked lime, fine silica sand, acrylic polymers, and mildewicidal and fungicidal admixtures.
- E. Performance: ASTM E 84: Provides a Class A finish complying with ASTM E 84 – Surface Burning Characteristics of Building Materials when applied over inorganic reinforced cement board as follows:
  - 1. Flame Spread: 0
  - 2. Smoke Density: 0.

#### 2.2 COLORING

2.3 In most cases, *Marmorino Palladino™* is glazed with Velature™, a color wash that provides the desired color. Palladino™ can also be tinted to any color using universal tints or machine colorants. Meoded recommends its natural, concentrated pigments.

- A. Colorants: High-quality, water-based, fade-resistant, paint-grade universal colorants

#### 2.3 ACCESSORIES

- A. Primer: *Meoded Quartz Primer™* applied over PVA sealed substrate; serves as a transition coat to *Marmorino Palladino™*. A primed surface improves the plaster coating's ability to be spread. Add up to 50% water before applying.

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B. Sealer: Meoded recommends applying Water-block™, a water-repellent sealer, after a minimum of 48 hours drying time to provide protection from moisture and dirt.

D. Stencils- Precut vinyl plastic sheet.

## 2.4 TOOLS

A. **Meoded** offers a wide variety of specialty plaster tools including stainless steel trowels and spatulas used to install *Marmorino Palladino™*.

## PART 3 - EXECUTION

### 3.1 EXAMINATION

- A. Examine all substrates prior to applying plaster finish.
- B. Correct any unsatisfactory conditions prior to installation.

### 3.2 PREPARATION

- A. Tape, mask and cover adjacent surfaces to protect them from splatter.
- B. Substrate Preparation:
  - 1. Existing Substrates:
    - a. Patch and repair any damaged substrates.
    - b. Surface should be smooth to a minimum Level 4, or preferably Level 5 finish, clean and free of contamination.
    - c. Sand oil-based paints and glossy surfaces.
  - 2. Leveling: Remove high spots and fill depressions with a leveling coat.
  - 3. Prime substrate with multi-purpose primer and let it dry fully. Then apply one coat of **Meoded** Quartz Primer™ allowing it 3-5 hours to dry. Preparation of flat, finished surfaces requires only the application of **Meoded** Quartz Primer™.
- C. Exterior Brown coat:
  - 1. Prepare the surface by cleaning and/or pressure washing.
  - 2. When the surface is fully dry, apply Meoded Quartz Primer™ diluted up to 50% with water.
  - 3. Let it dry for at least 3-5 hours.

### 3.3 INSTALLATION

- A. General:
  - 1. Comply with all manufacturer's installation requirements.
  - 2. Apply only when the temperature is between 45°F to 95 ° F.
  - 3. Do not bridge expansion or control joints.
  - 4. Apply finish in one, continuous application, free from cold joints, scaffold lines, and other deficiencies that may impair the product's appearance and performance.
  - 5. Continuously apply in one general direction without allowing the material to dry at the edges. If the entire surface of a wall cannot be covered at one time, terminate applications at natural divisions of surface such as control joints or corners.
- B. Brown Coat

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1. Refer to ASTM C926 – *Application of Portland Cement-Based Plaster* and the Portland Cement Association’s *Portland Cement Plaster (Stucco) Manual*.
2. Minimize the amount of finish coat needed by floating the brown coat to produce smooth, level substrates.
3. Avoid shrinkage and cracking by paying close attention to moist curing requirements.
4. Cure for at least seven (7) days before applying the finish coat. Twenty-one (21) days curing are recommended.
5. Embedding a fiber mesh in the brown coat or the first coat may further reduce cracking.
6. Use stainless steel trowel or spatula to apply the two coats of Marmorino Palladino™.

C. First coat

1. Apply Marmorino Palladino™ thinly and evenly, covering the entire wall. Using a wet sponge or a plastic float may create a more uniform texture. Allow at least 12 hours for the first coat to dry.

D. Second coat (Stony Effect)

1. If necessary, lightly sand the first coat with 180-320 grit sandpaper.
2. Apply the second coat using the same technique as the first coat. The second coat should be slightly thicker.
3. Roll a “PIT” rubber roller across the wet plaster to create small holes in the surface.
4. After the material to set-up for 5-10 minutes, go back over the same sections, smoothing some parts and leaving patchy areas of texture in other parts.
5. Let the wall set-up for another 5-10 minutes.
6. When the material is about 80% dry, start to “gently” smooth the surface, gradually pressing harder. Continue to smooth the surface as it dries.
7. Let the surface dry at least 12 hours before applying Velature™ (color wash).
8. Apply the second coat in the same manner as the first first coat.

E. Second coat (Rocky Effect)

1. Apply the second coat using the same technique as the first coat. The second coat should be slightly thicker.
2. Immediately after applying the plaster, “pat” the plaster onto the wall with the trowel, “pulling” at the thick coat you just applied.
3. Let the texture coat set for about 5-10 minutes then go back and gently smooth it out.
4. Let it dry at least 12 hours before applying Velature™ (color wash).

F. Velature™ (color wash)

1. Dilute the first coat of Velature with at least 400%-600% water (4-6 to 1 ratio of water to glaze).
2. Use a sponge to “wash” the wall with a light, thin layer.
3. Let the wall “drink in” the glaze, and seal the plaster.
4. Dilute the second coat as necessary to achieve the desired color.
5. Use small amounts of Velature™ on a sponge. Press gently to wash the wall.

3.4 SEALING

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- A. Allow the plaster to dry for at least 48 hours before applying sealer.
- B. Follow sealer manufacturer's instruction. Protect against overspray.
- C. Apply two coats. Allow the first coat to dry before applying a second coat. Remove excess sealer promptly after applying the second coat.

3.5 CLEANING

- A. Remove masking.
- B. Adjacent surfaces: Remove plaster splatters using methods which will not damage any affected surface.

3.6 PROTECTION

- A. Protect from water and moisture for 48 hours after application.
- B. Protect finishes from abrasion, scratches and damage immediately following installation.

END OF SECTION 09222