

Meoded Paints & Decoration™

TONACHINO FIRENZE™ *Lime based plaster (Sand finish)*

Section 09222 –Decorative plaster

Tonachino Firenze™ a genuine lime-based, Venetian plaster features easy application and exceptional durability for interior and exterior applications. **Tonachino Firenze™** is a contemporary version of the early, Italian plaster which is known for its warmth and dramatic appearance. Its natural makeup, gives **Firenze™** the authentic, “Old-World”, sand finish sought by architects and designers around the world. A unique blend of natural ingredients including slaked lime, river sands, powdered marble and polymer admixtures help give **Firenze™** superb adhesion, durability and make it highly water-repellant. **Tonachino Firenze™** comes in a white paste that can be tinted any color.

PART 1 - GENERAL

1.1 SUMMARY

A. Product Description:

1. Decorative, slaked lime/powdered marble/river sands, 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 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 **Tonachino Firenze***[™].
- B. Manufacturer: Meoded Paints & Decoration Los Angeles, CA; Phone 323-342-9870, fax 323-342-9853. Contact person- Kobi Hagai www.meodedpaints.com
- C. Substitution: None permitted.
- D. Composition: White, premixed paste containing marble dust, slaked lime, fine silica sand, river sand, acrylic polymers, and mildewicidal and fungicidal admixtures.

2.2 COLORING

- 2.3 ***Tonachino Firenze***[™] is shipped as a white, paste-base that can be tinted to meet designer requirements. Chose a color from any leading paint manufacturer, or send us any color sample on tile, stone or fabric and we will match it.

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

2.3 ACCESSORIES

- A. Primer: Prime substrates to ensure that all surfaces have uniform absorption. Apply *Meoded Quartz Primer*[™] over all substrates with uneven suction or moisture absorption
- B. Primer: *Meoded Quartz Primer*[™] applied over PVA sealed substrate; serves as a transition coat to ***Tonachino Firenze***[™]. A primed surface improves the plaster coating's ability to be spread. Add 30% water before applying.
- C. Sealer: Water-block[™], a water-repellent sealer is recommended 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 **Tonachino Firenze™**.

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™.

3.3 INSTALLATION

- A. General:
 1. Comply with all manufacturer's installation requirements.
 2. Apply only when the temperature is between 41 °F to 96°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
 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 Tonachino Firenze™.

C. First coat

1. Apply a thin, even first coat of Tonachino Firenze™ that covers the entire wall.
2. **Meoded** recommends use of a wet sponge or a plastic float while Firenze™ is still moist to avoid trowel marks.
3. Allow at least 12 hours for the first coat to dry.

D. Second coat (smooth finish)

1. If necessary, lightly sand the first coat with 180-320 grit sandpaper.
2. Apply the second coat in the same manner as the first coat.
3. While the material is still moist, use a wet sponge or a plastic float to create a more uniform design.
4. Avoid excessive pressure or motion that will result in dark trowel marks.

3.4 SEALING

- 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