



SECTION 09223

DECORATIVE PLASTER FINISH

TexSton™ Antico™ is a polished plaster finish for interior and exterior use. Based on Old World stuccos, it contains finely-ground dolomite, aged slaked lime, and fade-resistant pigments. These materials produce a durable finish with a decorative and natural appeal similar to tanned leathers or finer grades of polished or honed sedimentary stone. Antico is smooth and hard to the touch, yet has a gently mottled, soft visual sheen. Elegant and distinguished, but never boring, Antico captures the impression of “movement” created when plaster is troweled. Use it to replicate ancient patinas or create entirely contemporary looks.

Design Assistance: This guide specification describes a few basic application techniques used with Antico. TexSton products, however, can create a seemingly endless range of aesthetic effects. Before editing this section, you may want to call TexSton to discuss your vision for your design. We will be happy to develop custom samples to help you identify just the right look. We can then describe the materials and techniques used for the samples and help you edit this section to satisfy your requirements.

For samples, additional information, or names of local distributors and applicators, call TexSton at 800-788-7113 or visit www.texston.com.

PART 1 GENERAL

1.01 SUMMARY

- A. Section Includes: Slaked lime-based decorative [plaster] [stucco] 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, a fiber mesh can be imbedded into brown coat.

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

Gypsum Drywall (Interiors Only): Drywall shall be taped and then sanded or floated Provide Level Four or better surface in accordance with Gypsum Association's GA-214 - Recommended Levels of Gypsum Board Finish to assure that substrate defects are not visible through plaster.

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

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

B. Related Sections:

1. Section [09200 - Plaster and Gypsum Board] [_____]: [Plaster brown coat] [Gypsum board] [_____] substrates.
2. Section [_____]: Substrates.

1.02 REFERENCES:

- A. ISO 9002 – Quality systems -- Model for Quality Assurance in Production, Installation and Servicing.

1.03 SUBMITTALS

- A. Product Data: Submit [two] [_____] copies of manufacturer's product data for finishes, and other materials provided under this Section.
- B. 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.

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:
1. The installation of this material requires specialized and practiced skills. Specialized training is required for the proper installation of this material.
 2. Qualifications: Company which has completed at least five installations of finishes similar to type included in Section and which has been trained and certified by manufacturer.
 3. Certification: Submit, before Contract award [and in accordance with Instructions to Bidders], written documentation that installer is trained and certified by manufacturer to install finish. Applicator shall 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.
 - 4.

The ultimate quality and beauty of TexSton finishes depend upon the skill of the installers who apply them. While Antico is simple enough that any skilled plasterer can learn to apply it, we also conduct rigorous training programs that enables us to certify master craftsmen.

Retain either performance criteria above and/or enter list of contractors below. Contact TexSton or your TexSton distributor for names of qualified contractors.

3. Approved Applicators:
- a. [_____].
 - b. [_____].

c. [_____].

C. Mock-up:

1. Prior to installation of work of this Section, apply sample [of each specified finish] approximately [four by four] [_____] feet in size at location directed by [Architect] [_____].
2. Based on approved sample, 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.]

Retain below only if justified by Project size or complexity.

- D. Preinstallation Conference: Prior to installation of work of this Section, conduct meeting at Project site to discuss quality assurance requirements. In addition to Contractor, arrange for attendance of applicator, [Architect,] [_____,] and other trades affected by work of this Section.

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 at between 45 and 95 degrees F.

1.06 WARRANTY

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

PART 2 PRODUCTS

2.01 PLASTER

- A. Acceptable Product: **TexSton Antico** as manufactured by TexSton, Canoga Park, CA; phone 800-788-7113, fax 818-227-4852, www.texston.com.
- B. Substitutions: Submit proposed substitutions prior to submittal of bids. Comply with [Instructions to Bidders] [Section 01630 - Product Substitution Procedures] [and] following:
1. Submit manufacturer's product data and test reports documenting that proposed products meet specification requirements.
 2. Submit names and addresses of installers available to apply finishes.

- a. Provide documentation that installers have been trained and approved by manufacturer.
 - b. Provide documentation of installer experience; submit names, addresses, and photographs of five projects of similar quality using proposed products.
3. Submit samples specified in “SUBMITTALS”.

Powdered dolomite and aged slaked lime give Antico its unique appearance. Admixtures are used to make it easier to apply and to improve performance.

- C. Composition: White, premixed paste containing finely ground dolomite less than 300 microns in diameter, slaked lime which has been aged twelve months, acrylic polymers, rheological additives, and mildewicidal and fungicidal admixtures.

2.02 COLORING

Antico is inventoried in a white base which can be custom colored to meet your design requirements. Pick a color from any leading paint manufacturer, or send us a swatch of the fabric, tile, or stone you are using and we will match it. Our custom color matching service is free to qualified designers.

Since appearance may vary depending upon application and field conditions, manufacturer's product samples are approximate. Final selection or acceptance should be based upon larger samples or mock-ups prepared in accordance with methods proposed for use on Project.

Colorants can be factory-mixed or added at jobsite and should generally be left to Contractor's option.

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

Select one of the two methods below to specify colors if not shown in FINISH SCHEDULE.

- B. Color[s]: [Match [_____].]
- C. Color[s]: [Provide [one] [up to [_____]] color[s] to be selected by [Architect] [_____].]

2.03 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.

2.04 ACCESSORIES

Leveling coat is an economical option to fill low spots and create a flat substrate.

- A. Leveling Coat: At Contractor's option, use:

1. Thoroseal Plaster mixed with three parts water to one part Acryl-60 or an approved substitution consisting of factory-bagged plaster mix and liquid acrylic.
2. Field blend one part portland cement with 2 to 2 ½ parts washed and bagged sand and mix at rate of three parts water to one part Acryl-60.

Primer is required over gypsum board, wood, and other substrates with uneven suction or moisture absorption, and to improve ease of application to smooth substrates like metal.

- B. Primer: Provide high-quality acrylic latex paint primer of type compatible with substrate.

Color wash is optional and allows additional design expression.

- C. Color Wash:

1. Type: TexSton Color Wash by TexSton.
2. Color: [_____].] [As selected by [Architect] [_____] from manufacturer's standards.]

Wax provides sheen and enhance polished look of Antico. For special effects, colorants can be blended into wax prior to application. Wax is for interior use only.

- D. Wax:

1. High-quality, paste-type furniture wax.
2. Colors: [Clear.] [Tint with colorants. Provide [_____].] [color to be selected by [Architect] [_____].]

- E. Stencils: Precut plastic sheets. Pattern shall be [as shown on Drawings.] [_____].]

Sealer provides added protection for wet interior locations which are not waxed and for exterior surfaces. Named product is compatible with Antico and is available through TexSton; consult sealer manufacturer or conduct tests before using other products. Periodic re-application is suggested according to building maintenance requirements.

- F. Sealer: Provide high-quality, penetrating, non-yellowing, water-repellent sealer recommended by manufacturer for conditions of use. Provide Glaze 'N Seal "Natural Look" Penetrating Sealer [or approved substitution].

2.03 TOOLS

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

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. Remove deteriorated substrates and patch in acceptable manner.
 - b. Oily or Glossy Surfaces and Oil-Based Paints: Lightly sand prior to washing
 - c. Wash with trisodium phosphate mixed at rate of indicated on product label. Rinse, neutralize, and wipe dry.
 - 2. Substrates shall be clean and free of contamination.
- C. Leveling: Remove projections and fill depressions, if required, with leveling coat.
- D. Brown Coat: Dampen with water immediately before applying finish.
- E. Prime:
 - 1. Prime [gypsum board,] [_____,] [and] substrates with uneven moisture absorption characteristics to create uniform suction.
 - 2. Prime [metal,] [_____,] [and] smooth or non-porous substrates to improve spreadability of plaster.
 - 3. Allow primer to dry before plaster application.

3.03 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. Continuously apply each layer in one general direction without allowing coating to dry at edges. Work shall be free from cold joints, scaffold lines, and other deficiencies detrimental to appearance and performance. If full width of wall cannot be covered at one time, terminate applications at natural divisions of surface such as control joints or corners.
- B. Application:
 - 1. First Coat: Apply to evenly cover surface; thickness of coat shall be determined by size of aggregate.
 - 2. Allow to set, then smooth chatters, ridges, an other irregularities.
 - 3. Second Coat: Apply in same manner as first coat. Keep trowel clean.

Colors can be blended to obtain more variegated effects.

4. [Color Blending: Where several colors are to be blended, apply daubs of each color of plaster to hawk simultaneously and work together to obtain random yet consistent pattern.]

Select desired finish below.

C. Texture:

1. [Matte: Allow to set, then trowel using pressure until smooth. Provide uniform surface texture with open pores. Do not over-trowel.]
2. [Semi-Gloss: When surface is dry to touch, dampen with water and burnish with trowel to smooth and close pores. Provide uniform surface texture. If necessary to achieve approved appearance, surfaces may be sanded within 24 hours of application with 220-grit sandpaper.]

Applying stencil on top of final layer gives it full relief and prominence. Applying it before final layer gives an embossed or antiqued impression as stencil telegraphs through the finish material.

D. Stencil:

1. Position: Apply stencil [on top of] [immediately before] final layer of finish.
2. Material: Fill in stencil area with plaster finish. [If stencil is on top of final layer of finish, burnish to [matte] [semi-gloss] finish.]
3. Design: Pattern shall be [as shown on Drawings] [_____].

- E. Tolerances: Slight mottling and variations in colors which are random yet consistent in overall effect are normal and acceptable features of plaster.

3.04 OVERCOATS

A. Color Wash:

1. Allow plaster to dry 24 hours.
2. Apply color wash with sponge or rag, then promptly wipe with rags to create color highlights.

- B. Wax: Allow 24 hours drying time prior to waxing. Apply generous layer of wax and work into surface removing excess wax, and buff surface to uniform sheen.

3.05 SEALING

- A. Allow 72 hours for plaster substrate to dry before applying sealer.

- B. Apply according to sealer manufacturer's instructions. Protect against overspray.

Excess sealer can form a white residue if not removed promptly.

- C. Apply two coats. Allow first coat to dry 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 splatters using methods which will not damage surfaces.

3.07 PROTECTION

- A. Protect from rain for 48 hours after application.
- B. Protect finishes as required to assure that they will be without damage at Substantial Completion.

Most damage to TexSton surfaces can be readily repaired by experienced applicators. More extensive damage may require replacement of an entire section of finished surface.

- C. Repair damage in accordance with manufacturer's instructions and to satisfaction of Architect.

Include following if necessary to clarify scope of finishes. The following is an example only.

3.08 FINISH SCHEDULE

- A. Exterior Walls
Antico Finish System SW1010-M/S
 1. Plaster: Match Sherwin Williams 1010 – Crushed Ice with matte texture.
 2. Overcoat: Apply sealer.
- B. Executive Offices Walls:
Antico Finish System SW1805-SG
 1. Plaster: Match Sherwin Williams 1805 – Lapis Lazuli with semigloss texture.

END OF SECTION

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