

**Texstōn™ Tuscan™****Plaster and Stucco Finish**

**GENERAL INFORMATION:** Texstōn™ Tuscan™ is a decorative, integrally colored plaster and stucco finish for interior and exterior use. It creates a gritty Old-World look that emulates the texture of antique, honed stone. Its smooth burnished surface is given added character by subtle pits and fissures. As its name implies, Tuscan is at home in fine residences or classical business establishments. It is formulated with both Portland cement and lime for strength and durability, tempered with polymer admixtures for superior adhesion and ease of application. Contains a unique blend of polymer admixtures and fibers which contribute to superb adhesion, workability, water repellency and durability. Tuscan™ is blended domestically using local minerals and cements combined with key ingredients that are imported.

**Basic Use:** Use Tuscan as a plaster or stucco finish coat for walls and special decorative features. It is recommended for both interior and exterior environments and is compatible with most plaster base coats as well as gypsum board, concrete, masonry and other substrates.

**Environmental Benefits:** *Zero VOC emissions. Non Toxic.*

**Composition:** Tuscan is a dry powdered formulation and is ready for use when mixed with water. It contains:

**Portland cement:** White cement is used to enhance the intensity of Tuscan's coloration.

**Hydrated Lime:** Lime works in conjunction with cement to improve Tuscan's strength, water resistance, and workability.

**Dolomite:** Aggregates up to 2 mm diameter create the gritty texture and pits which characterize Tuscan.

**Silica Sand:** Dustless and free from salts.

**Polymers:** Acrylic polymers in Tuscan improve the product's adhesion, cohesion, and flexural strength and contribute to improve resistance to cracking.

**Weather Resistant:** Specially formulated additives help improve resistance to weathering, moisture intrusion, and normal environmental exposure.

**Integral Pigments:** The mineral-oxide pigments in Tuscan comply with ASTM C979 to assure permanent, fade-resistant coloration.

**Fibers:** Greater mechanical anchorage. Superior adhesion and cohesion. Helps resist cracking and shrinkage. Smooth and Fiber free surface.

**Colors:** Tuscan is offered in more than forty standard colors and can be custom colored to meet special 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.

**Sizes and Coverage:** Tuscan covers approximately 30-40 sqft per 2.5 coats (23 kg / 50.7 lbs) depending upon thickness and texture applied. It is available in recyclable plastic buckets and Paper bags in the following sizes:

4.6 kg (11 lbs., approximately 1 gallon).

23 kg (50.7 lbs., approximately 5 gallons).

**Limitations:** Tuscan applications on ceilings or soffits over gypsum drywall, exterior wallboard substrates utilizing Direct Applied Finish System (DAFS) methods, shower stalls, steam rooms, overlays, microtopping systems, existing painted surfaces, existing plaster or stucco finishes, scratch-and-brown coat assemblies, and similar specialty substrate conditions shall be installed only in accordance with the applicable Texstōn-recommended system and approved Texstōn components. Compliance with the specified Texstōn system, components, and installation procedures is required for eligibility under the Texstōn warranty program.

**TECHNICAL DATA****Applicable Standards:**

**System Performance:** Tuscan outperforms finish coats installed in accordance with ASTM C926 – Application of Portland Cement-Based Plaster.

**Quality Assurance:** Tuscan is produced in a facility certified under ISO 9002 – *Quality Systems – Model for Quality Assurance in Production, Installation and Servicing.*

**Surface Burning Characteristics:**

**Per USA/ASTM E84 Flame Smoke Testing:** Tested in accordance with ASTM E84, extended an additional 20 minutes, and ASTM E2768-11 (2018). The tested material achieved a **Flame Spread Index of 5** and a **Smoke Developed Index of 0**. The material achieved a **Class A rating during the first 10 minutes of testing** and met the specification for **Ignition-Resistant Material** under the extended-duration flame exposure requirements.

**Per Canadian CAN/ULC S102-10- “Method of Test for Surface Burning Characteristics of building Materials and assemblies”.** Tuscan conforms to – **0- Flame Spread Rating and -10- Smoke Developed Classification**

## INSTALLATION

**Substrates:** Apply Tuscany over substrates that are clean, cohesive, free of contamination and as follows:

**Ortex Base Coat:** Unlike typical EIFS base coats, which are generally intended for thin reinforced applications of approximately 1/8 inch and may crack or delaminate when used as leveling materials at excessive thickness, Ortex is designed for leveling, crack reduction, and substrate preparation. Minor surface checking may telegraph through a leveling or skim coat, but properly applied Ortex is intended to maintain adhesion and reduce the risk of delamination associated with overbuilt thin EIFS base coats.

**Textstön™ Frascati Crack-Reduction Base Coat:** Frascati is a cement-free crack-reduction base coat designed to function as a flexible reinforcement and separation layer beneath Textstön finish systems. Frascati is intended for embedding reinforcing mesh and increasing crack resistance, flexibility, and movement accommodation within the wall assembly. Frascati is not intended as a leveling coat and should not be used to fill depressions, straighten irregular substrates, or build thickness. Its primary function is crack reduction and mesh embedment.

**Plaster Brown Coat:** Apply brown coat in accordance with ASTM C926 – *Application of Portland Cement-Based Plaster* and the Portland Cement Association’s *Portland Cement Plaster (Stucco) Manual*. Float brown coat to produce a level substrate. Pay particular attention to moist curing requirements to help minimize shrinkage cracking. Cure the brown coat for a minimum of 21 days prior to the application of the Tuscany finish coating.

For additional reduction in the appearance of cracks, a separate Textstön crack-reduction layer may be installed over the cured brown coat using either Textstön™ Ortex Base Coat, an acrylic-modified cement base coat, or Textstön™ Frascati, a cement-free base coat. The recommended reinforcing fiber mesh shall be embedded into the selected base coat to create a crack-reduction layer, in accordance with the applicable Textstön-recommended system.

Use of Textstön-recommended components and installation procedures is required for eligibility under the Textstön warranty program.

**Concrete and Masonry:** Allow concrete and mortar to cure 28 days prior to finishing. Concrete should be free of form release agents that could interfere with adhesion of Tuscany. Sand glossy surfaces. Mortar joints should be flush.

**Existing Substrates:** Remove deteriorated substrates and patch in acceptable manner. Oily or glossy surfaces and oil-based paints should be lightly sanded. Wash with trisodium phosphate diluted as indicated on product label. Rinse, neutralize and wipe dry.

**Leveling:** Remove projections and, if required, fill depressions with a leveling coat. For enhanced crack reduction and leveling, Textstön™ Ortex Base Coat is recommended. Ortex is an acrylic-modified cement base coat designed to function as both a crack-reduction layer and a leveling coat. It can be straight-edged, screeded, and built up to greater than 1/2 inch (12.7 mm) in thickness, including deeper cavities when properly applied, helping reduce wall undulation and improve substrate uniformity prior to the application of Tuscany. A reinforcing mesh may be embedded into Ortex Base Coat for additional crack-reduction performance. All base coats should be finished with a fine sand-texture finish to create a mechanical key bond.

**Rainscreen Applications:** When applied over Rainscreen wallboards systems or other rainscreen wall assemblies, one or two layers of reinforcing mesh may be embedded within either Ortex Base Coat or Frascati Base Coat, depending on project requirements, engineering considerations, and specification requirements.

**Exterior Wallboard Applications:** When applied over exterior wallboard substrates, installation shall comply with recognized Direct Applied Finish System (DAFS) practices and industry standards. Use project-specific detailing, approved reinforcing mesh, proper joints, corrosion-resistant trims and fasteners, and the applicable Textstön base coat and crack-reduction layer as required by the specification. Depending on project requirements, one or more layers of reinforcing mesh may be embedded within the crack-reduction layer to help reduce the appearance of cracks and accommodate substrate movement.

**Trim and Fasteners:** At exterior and wet areas, use corrosion resistant materials for expansion and control joints, corner beads, flashings and other trim and fasteners.

**EIFS Base Coat:** Comply with exterior insulation and finish system manufacturer’s instructions. Add Textstön RPA according to manufacturer instructions.

**Compatible EIFS Base Coats:** Tuscany and other Textstön finish products may be applied over properly prepared acrylic-modified cement EIFS base coats and compatible cement-free EIFS base coats manufactured by others, provided the substrate is sound, properly cured, and prepared in accordance with the applicable manufacturer requirements. For full Textstön system warranty eligibility, use Textstön-approved base coat and crack-reduction components.

**Gypsum Drywall: (Interiors Only)** Drywall shall be taped and then sanded or floated. Provide Level Two or better surface in accordance with Gypsum Association’s GA-214 - *Recommended Levels of Gypsum Board Finish*. For additional resistance to cracking, a fiber mesh can be imbedded into the first layer of a Tuscany application.

### **Preparatory Work:**

**Masking:** Mask and protect adjacent surfaces.

**Prime:** Primer is required over gypsum board, MDF wood and other substrates with uneven suction absorption, and to improve adhesion to smooth substrates, use of type compatible with substrate. Use Textstön **TexPrep Primer™**: A

translucent-white, tintable, liquid- penetrating primer-sealer/undercoat. It is alkali-resistant and specifically formulated for Textstōn plasters. TexPrep penetrating Primer sealer is an acrylic, water-based interior and exterior penetrating primer sealer that equalizes the suction of the substrate. It features hollow ceramic spheres that create suction and a mechanical bond.

**Dampen Surface:** Immediately before applying Tuscany, dampen brown coat, Ortex Base Coat, concrete, masonry, and other porous substrates with clean water. Do not dampen Frascati Base Coat, primed surfaces, sealed surfaces, or other non-porous substrates.

**Mixing:** Add a small amount of clean, potable water and mix with a drill mixer until a homogeneous paste consistency is achieved. Allow the material to rest for two to three minutes. Follow the applicable Textstōn Water-Soluble Color Pack mixing instructions and Textstōn RPA mixing instructions, when specified. Then add sufficient water to achieve the desired application consistency and mix again. Mix only with clean tools and in a clean container.

For applications over wood, metal, plastic, glass, existing coatings, and other difficult-to-adhere substrates, follow the applicable Textstōn installation instructions for "**Applications Over Difficult-to-Adhere Surfaces**" available from Textstōn.

Do not retemper material after initial mixing. Maintain consistent mixing procedures throughout the project to help ensure uniform appearance and performance.

**General:**

Apply finish in continuous application, free from cold joints, scaffold lines and other deficiencies detrimental to appearance and performance. Continuously apply in one general direction without allowing coating to dry at edges; keep a wet edge. If full width of wall cannot be covered at one time, terminate applications at natural divisions of surface such as control joints or corners. Do not bridge expansion or control joints.

Use high-quality trowels of types required to produce intended results. Textstōn offers a full complement of specialty plaster tools.

Many creative finishes can be produced with Tuscany. Consider the following a starting point for your imagination.

**One Coat Application:** (Recommend for un-even finish techniques). Apply in one coat with ¼ inch minimum thickness using stainless steel trowel, pool trowel, plastic trowel, or other non-blackening metal trowel.

**Two-Coat Application:** (Recommended for leveled and controlled techniques): Evenly apply first layer approximately 1/16 inch thick using stainless steel trowel held at 45 degree. Allow to set. Then, create a “worm-trail” surface by using circular motions with a plastic trowel held flat to surface. When first layer is set, apply second layer of approximately 1/8 inch thick using a stainless steel trowel. Let set and continue smoothing with a non-blackening trowel or a plastic trowel.

**Texture:**

**Pitted Finish:** Trowel to create pitted and fissured surface. The extent of pits and fissures can be controlled by the pressure and amount of troweling.

**Smooth Finish:** Trowel to close pits. Use water sparingly to dampen surface and continue smoothing until smooth closed surface is obtained. Avoid over troweling and formation of black “veins”.

**Blended Colors:** A more variegated effect can be obtained by blending several colors together. Apply first color with a smooth surface, then apply second color and work it into the base layer to obtain random yet consistent pattern.

**Custom Finishes:** Many special effects can be produced with Tuscany. For example, surfaces can be scored to simulate masonry joint lines. Stencils can be used to apply ornamental motifs. And it can be applied over moldings or other sculptural elements to create relief.

Rather than trying to describe the specific technique to be used to achieve a custom finish, it is usually more convenient to specify an approved sample board or mock-up as a standard to be matched for a project. Contact Textstōn for help developing custom finishes.

**Curing:** In order to insure workmanship and product quality, the finish should be moistened on the next day and the process repeated the following day. Moisten plaster with clean water. Use spray or hose; start at bottom and work upwards.

**Color Wash:** A color wash can be used to darken pits and fissures to create more contrast. Use Textstōn Super Glaze, a

water-based glazing liquid. Allow Tuscanly to dry 48 hours before color washing. Dampen surface slightly before applying color wash, then follow manufacturer's instructions.

**Sealer:** Apply Textstön SDS7.5 or SDS15 sealer. Consult manufacture for instructions.

Allow Tuscanly to dry 24-72 hours before applying sealer. Apply according to sealer manufacturer's instructions. Protect against overspray. Apply two to four coats as desired; allow first coat to dry before applying second coat. Excess sealer can form a white residue if not removed promptly. Follow manufacturer's instructions.

**Clean-Up:** Remove masking. Remove plaster splatters using methods that will not damage surfaces.

#### **Precautions:**

**Delivery, Storage and Handling:** Deliver in manufacturer's unopened packages and store in dark and dry place at between 45 and 95 degrees F. Use OSHA compliant eye protection. Wear a respirator when mixing, sanding or scraping. Provide well-ventilated work areas. Avoid prolonged skin contact. Do not apply if rain or freezing temperatures are expected within 24 hours; protect from rain for 48 hours after application. Do not apply over wet or frozen surfaces. Do not apply when temperature is less than 45 degrees F or more than 95 degrees F. Keep away from children. Use within six months of purchase. See MSDS and product label.

**Appearance Tolerances:** Appearance may vary depending upon application and field conditions. Color cards and product samples represent approximate colors and textures only. Final approval should be based on contractor-prepared samples or mock-ups showing actual materials and workmanship proposed for use. Like all exposed plaster finishes, mottling and variations in hue and appearance are normal and a part of Tuscanly's aesthetic appeal.

#### **AVAILABILITY AND COST**

**Availability:** Textstön products are available from dealers throughout North America. Contact Textstön or visit the website for referrals to local sources.

**Cost:** Contact dealers for pricing information.

#### **WARRANTY**

Textstön expressly warrants its products to be fit for the ordinary purpose for which they are intended for a period of five years from date of installation when applied and used in accordance with manufacturer's instructions within six months of purchase.

**System Warranty:** Tuscanly may be applied over compatible third-party substrates and base coats when those substrates are properly prepared. However, eligibility for a full Textstön system warranty requires the use of Textstön-manufactured system components, including the approved Textstön base coat and crack-reduction layer, such as Ortex Base Coat or Frascati Base Coat, together with the applicable Textstön finish and accessory products.

Textstön's liability under this warranty is limited to the replacement of products found to be defective or to the refund of purchase price to original purchaser. Textstön reserves the right to require proof of purchase and to inspect installations prior to resolving claims made under this warranty. This limited warranty is exclusive and in lieu of all other warranties either written, oral or implied, and expressly excludes liability for consequential damages.

#### **MAINTENANCE**

**Cleaning:** Remove dust and loose dirt, then, wipe with a clean damp cloth. When necessary, surfaces may be cleaned with mild detergents or proprietary cleaning agents together with gentle scrubbing or low-pressure water washing. Mineral spirits or acetone can also be used; observe proper safety procedures when using solvents. Clean vertical surfaces from the bottom up. Thoroughly rinse exterior surfaces with clean water after cleaning. At interior surfaces, wipe off cleaning agents with a damp rag followed, if necessary, by a dry rag. Efflorescence, a white powdery deposit that can form on building surfaces, should be removed as soon as practical using water and a soft bristle brush or nylon scouring pad. Test cleaning products and techniques in an inconspicuous location before proceeding and comply with manufacturer's instructions.

**Inspection:** As with any building material, finishes should be periodically examined to assure that surfaces and substrates are in good condition. Examine joints, sealants, flashings, trim and other locations that could permit water to enter the building. Conditions that could produce stains – such as water run-off from roofs or ledges washing down face of a wall – should be corrected.

Since Tuscanly is a finish coat, cracks that appear in their surface are probably due to cracking within the substrates to

which they are applied; extensive cracking could indicate excessive building settlement or movement and should be examined by a qualified building professional.

**Blemishes:** In many instances, scratches, scuff marks and stains that do not respond to ordinary cleaning techniques may be removed by lightly sanding the surface. The success of this depends on the texture of the finish, and tests should be performed in inconspicuous locations before proceeding. Re-apply sealer or top coat, if required, to sanded areas.

**Repairs:** Most damage to Tuscan surfaces can be repaired by experienced applicators. Extensive damages may require replacement of an entire section of finished surface.

**Graffiti:** Consult a firm specializing in graffiti removal and protection.

#### **TECHNICAL SERVICES**

**Design:** Textston and many of its distributors are ready to assist designers with color matching and custom color development services; color chips and sample boards are available. Our master craftsmen are also available to help develop special textures and aesthetic effects and to provide assistance with specification development.

**Training:** The ultimate quality and beauty of Textston finishes depend upon the skill of the installers who apply them. While Tuscan is simple enough that any skilled finish contractor can learn to apply it, we also conduct rigorous training programs through the Textston Architectural Finishing Institute (T.A.F.I) that enable us to certify master craftsmen. Classes can be conducted in the Textston studio, at a dealer's or contractor's location, or on a job site.

**Installation:** When specified for large or complex projects, Textston can provide master craftsmen to assist local applicator crews.

**ADDITIONAL INFORMATION :** Material Safety Data Sheet, Contractor Application Tips, Instruction on Product Label, Samples, Specification Guide



8025 Deering Avenue • Canoga Park (Los Angeles), CA 91304 800-788-7113 Toll Free • 818-227-4812 Phone • 818-227-4852 Fax  
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