

GENERAL INFORMATION

Ortex Color Coat™ is a high performance, decorative, integrally colored stucco color coat which is also used as a base coat leveler to level irregular brick, stone, plaster, stucco or concrete wall surfaces exterior use.

It is formulated with Portland cement, lime, super clean sand, micronized invisible fibers and angular mineral rocks for strength and durability. The formulation is tempered with polymer admixtures for superior adhesion and ease of application. Ortex contains a unique blend of polymer admixtures and fibers which contribute to superb adhesion, workability, water repellency, durability and flexibility. Ortex Stucco Color Coat™ is blended domestically using local minerals and cements combined with key ingredients that are imported.

Basic Use: Use Ortex Color Coat as a stucco finish coat for walls. It is recommended for exterior environments and is compatible with mortars, concrete, masonry, and other substrates.

Environmental Benefits: Zero VOC emissions. Non-Toxic.

Composition: Ortex Color Coat 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 Ortex coloration. [ASTM C 150]

Hydrated Lime: Lime works in conjunction with cement to improve strength, and workability. [ASTM C926 - 18]

Dolomite: Crushed angular carbonate mineral rock - interlocking of the individual stones: Promotes durability, flexibility and longevity. Can be finished with smooth or gritty texture and pits which characterize Ortex Color Coat. [ASTM E 11]

Silica Sand: Dustless and free from salts. Washed baked super clean sand - eliminates dust and debris. [ASTM E 11]

Polymers: Acrylic polymers in Ortex Color Coat improve the product's adhesion, cohesion, and flexural strength and contribute to improve resistance to cracking. . [ASTM E 70]

Water Repellent: Stearate-based additive helps resist water penetration.

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

Fibers: Greater mechanical anchorage. Superior adhesion and cohesion. Crack and shrinkage resistance. Smooth and Fiber free surface.

Colors: Ortex Color Coat is offered in more than thirty standard colors and can be custom colored to meet special design requirements. Colors are iron oxide fade resistant pigments. Available in Water-soluble powder pigment packs or pre tinted when order a minimum of 234 bags

Sizes and Coverage: **Ortex Color Coat** covers approximately 60 to 80 square feet per 50.7 lbs. depending upon substrate condition, thickness and texture applied. It is available in recyclable plastic paper sacks of 50.7 lbs. (23KG)

TECHNICAL DATA

Applicable Standards:

Weather resistant good wind-driven rain resistance. Resist moisture intrusion from rainwater penetration. Water absorption rates. 98.1 mi./h wind driving rain

System Performance: Ortex Color Coat outperforms conventional color coat finish installed in accordance with ASTM C926 – Application of Portland Cement-Based Plaster.

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

Surface Burning Characteristics: Ortex Color Coat conforms to Class A finish with 0 Flame Spread and 10 Smoke Density per ASTM E84 - *Surface Burning Characteristics of Building Materials* when applied over inorganic reinforced cement board. Also conforms to Class A finish with 0 Flame Spread and 10 Smoke in accordance with Canadian CAN/ULC S102.-10, “Method of Test for Surface Burning Characteristics of building Materials and assemblies”.

INSTALLATION

Substrates: Apply Ortex Color Coat over substrates that are clean, cohesive, free of contamination and as follows:

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*. Float brown coat to produce level substrate. 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 polypropylene fiber (supply others) can be added to the brown coat mix including RPA admixture to increase the bonding and reduce shrinkage. Also, fiber mesh can be imbedded into the first layer of Ortex application use as a base coat.

EIFS Base Coat: Comply with exterior insulation and finish system manufacturer's instructions. Add Textōn RPA admixture to the Ortex according to manufacturer instructions.

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 Ortex Color Coat. Sand glossy surfaces. Mortar joints should be flush.

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. Use industry-standard method for expansion joints

Crack reduction system may be specified, especially if expansion joints are not going to be used. Use E.I.F.S. Basecoat or Ortex with 4 to 4.5 oz fiber mesh embedded into it.

Existing Substrates: Remove deteriorated substrates and patch in acceptable manner. Oily or glossy surfaces and oil-based paints should be 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 leveling coat. Leveling coat can be Textōn Ortex which has an excellent filling power. Or EIFS cement base coat such as BASF Senergy or any other Textōn's recommended brand can also be used, or factory-bagged plaster mix mixed with a liquid acrylic such as Textōn™ RPA diluted 1:10 with water or can be a blend of one part Portland cement with 2 to 2 ½ parts washed and bagged sand and mixed with Textōn™ RPA diluted at rate of 1:10 with water. All basecoats should be finished with a fine sand-texture finish to create a mechanical key bond.

Preparatory Work:

Masking: Mask and protect adjacent surfaces.

Prime: Primer is recommended but not a requirement over substrates with uneven suction absorption, and to improve adhesion to smooth substrates, use of type compatible with substrate. Use Textōn **TexPrep Primer™**: A translucent-white, tintable, liquid- penetrating primer-sealer/undercoat. It is alkali-resistant and specifically formulated for Textōn 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: If **Primer** is not going to be used, immediately before applying Ortex Color Coat, dampen brown coat, concrete, masonry and other porous cement substrates with water. (Do not dampen primed or sealed surfaces).

Mixing: Add small amount of clean, potable water and mix with drill mixer until homogeneous paste consistency is reached. Let material rest for two to three minutes. Then add enough water to yield consistency suitable for application and mix again. Do not re-temper or remix. Mix with clean tools and in a clean bucket. When going over acrylic modified cement base coat or other non-pores substratist or when going over large span should be mixed with RPA Additive available at Textōn.

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. Textōn offers specialty plaster tools.

One Coat Application: Apply in one coat with 1/8-inch minimum thickness using stainless steel trowel, pool trowel, plastic trowel, or other non-blackening metal trowel.

Two-Coat Application: Evenly apply first layer approximately 1/16-inch-thick using stainless steel trowel held at 45 degree. Allow to set. . When first layer is set, apply second layer of approximately 1/16-inch-thick using a stainless-steel trowel. Let set and continue smoothing with a non-blackening trowel or a plastic burnishing trowel.

Texture:

Pitted Finish: Let the 1st coat dry and rowel 2nd coat creating pitted and fissured surface. The extent of pits and fissures can be controlled by the pressure and amount of troweling.

Smooth Finish: Let the 1st coat set and rowel 2nd coat embedding in to the 1st coat, trowel to close pits. Use water sparingly to dampen surface and continue smoothing until smooth closed surface is obtained and water disappear. Avoid over troweling and formation of black “veins”.

Curing: In order to ensure 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.

Sealer: If required, apply Textōn SDS 7.5 sealer. Consult manufacture for instructions.

Allow Ortex Color Coat 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 Ortex aesthetic appeal.

AVAILABILITY AND COST

Availability: Contact Textōn or visit the website for referrals to local sources.

Cost: Contact dealers for pricing information.

WARRANTY

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

Textōn’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. Textōn 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 Ortex Color Coat 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 using Pencil or cap erasers or 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 Ortex Color Coat 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: Textstōn 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.

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

Installation: Textstōn 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



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