



Thinset Exterior Surfacing System
 "The Next Generation in Architectural Finishes"

UNSANDED ONE COAT STUCCO

- **Concentrated for mixing with local sand**—Economical, saves shipping cost
- **Naturally breathable**—Transmits water vapor in both directions; water does not become entrapped; resists rot and fungus
- **Fiber-reinforced, polymer-enhanced**—Crack-resistant; stays flexible in cold temperatures
- **Smooth consistency**—Easy to spread formula increases productivity
- **Zero VOCs**—No atmospheric emissions and solvent-free, providing safety for workers and the environment
- **Green packaging**—Economical paper bags are easily disposable

A premium, Portland cement One Coat Stucco concentrate containing reinforcing fibers and other proprietary ingredients. When combined with sand and water at the job site, TESS Unsanded One Coat Stucco forms a fortified, durable, traditional stucco base.

INSTALLATION

Approved Substrates: Concrete or unit masonry. Dens Glass® Gold, Fiberock® Aqua-Tough™ sheathing, water-resistant core gypsum sheathing, EPS board, fiberglass-mesh-reinforced concrete backer board, OSB board covered with water-resistant membrane and galvanized wire lath.

Surface Preparation: All surfaces must be clean and free of debris, dirt and dust, efflorescence, grease, oils, curing agents, and cleaning solutions. Ensure that all surfaces are smooth and free of any irregularities. Repair cracks and voids with appropriate patching material prior to application. Cleaning and smoothing may be accomplished by pressure washing, mechanical sanding, scraping, chipping, and/or sandblasting. Smooth or glossy surfaces must be roughened or abraded to ensure positive bond.

Mixing: For each bag, place approximately 3 to 4 gallons (11.4 to 15.1 Liters) of clean, cool, potable water in a mechanical mixer.

1. Start mixer and add TESS One Coat Stucco concentrate.
2. Add 200 to 220 pounds (90.7 to 100 kg) of plaster sand meeting ASTM C-144 to each 80 pound (36.3 kg) bag. Amount of sand added may vary due to moisture content and/or composition of plaster sand.
3. Mix for approximately 3 to 5 minutes.
4. Stop mixer and allow the material to stand (slake) and firm up (approximately 5 minutes).
5. Re-temper the material adding only enough water to reach the desired consistency.

Working time is approximately 45-60 minutes depending on ambient weather conditions.

Application: Using a hawk and trowel, apply the mixed one coat stucco to a maximum thickness of 5/8" (15.9 mm) in a single pass.

1. Rod or screed to achieve a uniform surface.
2. Float the freshly applied one coat stucco with a float trowel to ensure even thickness, texture and uniformity.

Curing: Moist cure by lightly fogging the fresh stucco for at least 48 hours after initial set (usually 1 to 4 hours after application). Hot, dry or windy weather requires more frequent moistening to avoid detrimental dehydration of stucco. Allow TESS One Coat Stucco to dry completely before applying primer.

Limitations: Surface and ambient temperature must be between 40°F and 100°F (4°C and 37.8°C) during application and throughout curing process. Avoid applying in direct sunlight. Protect installed stucco from rain, snow or frost for a period of 48-72 hours. Use expansion joints as required. Not recommended for horizontal, below grade or water-immersed surfaces.

Packaging: 80 pound (36.3 kg) multi-wall paper bag.

Color: Gray

Coverage: The coverage is approximately 80 square feet (7.4 square meters) per bag at 3/8" (9.5 mm) thickness, or 50 square feet (4.7 square meters) per bag at 5/8" (15.9 mm) thickness. Coverage may vary due to ambient temperature, surface temperature, surface porosity, mixing and substrate characteristics.

Meets ICC-ES Acceptance Criteria for Cementitious Exterior Wall Coatings (AC11).

Shelf Life: One year from date of manufacture in original sealed bag. Store bags in a cool, dry location out of direct sunlight. Do not store bags directly in contact with the ground or on concrete. Protect bags from weather and freezing.

Technical Assistance: Telephone Formulated Solutions Monday through Friday, 8:00 AM to 4:30 PM EST: (718) 267-6380 ext. 111 or FAX inquiry to (718) 204-6013.



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Patent Pending

Test Data

PHYSICAL PROPERTY	TEST	RESULTS
Accelerated Weathering	ASTM G153, 2000 hours	No cracking or chalking
Compressive Strength	ASTM C109-02	2,714 psi
Freeze-Thaw, 120°F to -20°F	ICC ES AC 11	Passes
Transverse Load Test	ICC ES AC11, Section 4.3	Positive load 86 psf Negative load 75 psf
VOC		0



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FS has provided the enclosed Instructions and Recommendations (I/R) to assist the USER in the application of this product. These I/Rs are not warranted to be comprehensive, complete, thorough or conclusive as regards any

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For the most current and complete information on proper application, clean-up, mixing, specifications, warranties, cautions and disclaimers, please refer to the company manual or our website at www.tessfinishes.com.



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