



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

- **One component**—Ready to use, just mix with water on job site
- **Factory-added sand**—Quality assurance, uniformity of sand
- **Fiber-reinforced, polymer-enhanced**—Crack-resistant; stays flexible in cold temperatures
- **Naturally breathable**— Transmits water vapor in both directions; water does not become entrapped; resists rot and fungus
- **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

# SANDED ONE COAT STUCCO

A premium, sanded Portland cement One Coat Stucco containing sand, reinforcing fibers and other proprietary ingredients. When mixed with water at the job site, TESS Sanded One Coat Stucco provides 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 1 to 1.5 gallons (3.8 to 5.7 Liters) of clean, cool, potable water in a mechanical mixer.

1. Start mixer and add TESS Sanded One Coat Stucco.
2. Mix for approximately 3 to 5 minutes.
3. Stop mixer and allow the material to stand (slake) and firm up (approximately 5 minutes).
4. 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 20–25 square feet (1.9 to 2.3 square meters) per bag at 3/8" (9.5 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 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.



**Formulated Solutions LLC**  
 25-44 Borough Place  
 Woodside, NY 11377 USA

**T 718 267 6380**  
**F 718 204 6013**

**www.tessfinishes.com**

TESS, GREEN by DESIGN and the Green Trowel Symbol are trademarks of Formulated Solutions LLC.

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

# TESS<sup>®</sup>

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

**Notice and Warranty Disclaimer:** Formulated Solutions (FS) products are intended for use by qualified professional contractors, not D-I-Y consumers or handy-men. TESS™ Systems and/or components must be specified by a qualified design professional, general contractor or builder as an element of a larger construction project. It must be installed in accordance with FS's instructions, the designer's specifications and local building code. Improper use of FS products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to this product, and to the structure of the building or its components.

FS disclaims all, and assumes no, liability for • products improperly applied by unqualified persons or entities • an improperly designed or constructed building • the nonperformance of adjacent building components or assemblies • other construction activities beyond FS's control • on-site inspections.

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

specific installation. It is the USER'S obligation to ensure that the product is suitable for its intended use and that it is compatible with existing conditions or applications of other coincident or adjoining materials. The liability of the SELLER and MANUFACTURER, whether express or implied, whether in contract or in tort, arising out of warranties, representations, instructions or defects from any cause shall be limited exclusively to replacing the product, provided the same is proved defective, or refunding the purchase price upon return of the unused product. In no event will SELLER or MANUFACTURER be liable for consequential damages, including but not limited to loss of materials, costs of labor, loss of profits, costs of replacement goods, or other commercial loss. The USER accepts the product AS IS, and without warranties express or implied. Subject to FS approval, certain installations of TESS may be eligible for a limited warranty provided by FS. For further information, please contact your Distributor.

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](http://www.tessfinishes.com).



**Formulated Solutions LLC**  
25-44 Borough Place  
Woodside, NY 11377 USA

**T 718 267 6380**  
**F 718 204 6013**

**[www.tessfinishes.com](http://www.tessfinishes.com)**

TESS, GREEN by DESIGN and Green Trowel Symbol are trademarks of Formulated Solutions LLC.

DSSS1001 REV. B