

# TESS®

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

- **Imparts a seamless protective barrier** over the substrate and all substrate openings
- **Environmentally friendly**—Zero VOCs
- **Extremely flexible** even at low temperatures; conforms to the contours and movement of the substrate
- **Brush or roller applied**—Eliminates overlap issue associated with sheet-good membranes
- **Bridges holes and gaps** up to 1/8" without the need for reinforcing mesh
- **Cures quickly**—Facilitates application of EPS board
- **Provides 10-year anti-microbial** protection with Duracide®



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Patent Pending

# WEATHER BARRIER

Roller grade TESS Weather Barrier is a polymer-modified cementitious waterproofing membrane and air barrier that provides extra protection from wind-driven rain while minimizing condensation within the wall system. TESS Weather Barrier is a water-resistive membrane that defends against water penetration and denies air infiltration. It is applied by brush or short nap roller to vertical above-grade wall sheathing and concrete masonry surfaces. During mixing and application the green color of TESS Weather Barrier clearly delineates treated areas.

## INSTALLATION

**Approved Substrates:** Cured concrete or masonry (28-days old), Concrete Masonry Units (CMU), and approved exterior wall sheathings including exterior grade plywood, exterior gypsum board, Oriented Strand Board (OSB) and exterior cement board.

**Surface Preparation:** All surfaces must be clean and free of latent dust, grease, wax, frost, efflorescence, and all bond-inhibiting substances or other foreign matter.

**Mixing:** In the 5-gallon (18.9 liter) pail supplied, add approximately 1½ gallons (5.7 liters) of cool, clean water and slowly mix to a pancake-like consistency. Mix for 3 minutes using a slow speed bucket mixer with paddle blade—do not use high speed drills. DO NOT add water and DO NOT re-temper if initial mix thickens beyond use.

**Application:** After ensuring all surfaces are clean and free of dust, grease, wax, and foreign matter use a short nap roller or brush to apply product. Allow to dry to touch. Apply a second coat to fill in any voids or pinholes and ensure complete and unbroken coverage. Finish the surface to the required smoothness.

**Pot Life:** Approximately 1½ - 2 hours @ 75°F (24°C); complete drying depends on temperature and humidity.

**Limitations:** Do not use at temperatures below 45°F (7°C) or above 95°F (35°C). Jobsite temperature must remain between 45°F and 95°F for a minimum of 24 hours after installation. Do not use on damp surfaces or

when prolonged damp conditions exist. Do not use below grade or on water submerged surfaces. Product is not designed as a space filler or packing and should not be used to span sheathing joints or for holes 1/8" or wider.

**Packaging:** 5 gallon (18.9 Liter) plastic pail

**Color:** Green

**Weather Protection:** Walls shall be protected at all times from inclement weather and impact damage, while system components are curing and until all permanent flashings, sealants, etc. are in place.

**Clean Up:** Freshly applied TESS Weather Barrier cleans up with water. Once hardened, it can only be removed by mechanical abrasion or scraping.

**Coverage:** When mixed, a 3½-gallon (13.2 liters) unit covers approximately 140 sq. ft. total, applied as two coats at 20 mils of wet thickness per coat. Coverage will vary depending on substrate conditions and thickness of application.

**Shelf Life:** Store pails in a cool, dry location out of direct sunlight and protect from weather and freezing. Shelf life is one year from date of manufacture.

**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.

**Notice and Warranty Disclaimer:** Formulated Solutions (FS) products are intended for use by qualified professional contractors, not D-I-Y consumers or handymen. 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).

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