



Prevent mold & mildew growth
Anti-fracture protection up to 3/8"
Apply with brush, roller or trowel
Interior/Exterior use

SEAMLESS WATERPROOFING/ANTIFRACTURE MEMBRANE

PRODUCT DESCRIPTION

Ready to use liquid latex waterproofing and crack prevention membrane specifically formulated for use beneath commercial and residential tile and stone interior and exterior applications. GreenSeal's elastomeric properties reduce the risk of substrate cracks transferring to finished tile and stone flooring while providing a continuous moisture barrier for wet areas.

APPROVED SUBSTRATES

- Concrete & mortar beds
- Gypcrete and lightweight concrete*
- Block or brick masonry
- Existing ceramic tile & stone
- Cement backer board
- Exterior grade plywood*
- OSB*
- Self-leveling underlayment
- Gypsum wall board & plaster*
- PVC & stainless steel

**Note = Interior Only*

AREAS OF USE

- Interior & exterior
- Shower stalls & tub surrounds
- Shower pan liner
- Steam rooms
- Swimming pools & water features
- Terraces & balconies
- Electric & water floor heating systems

SHELF LIFE

Two year when stored at temperatures higher than 40°F and less than 110°F. Keep from freezing.

SURFACE PREPARATION

All surfaces must be structurally sound, clean, dry and free from contaminants that could prevent proper bond to the substrate. All wet areas must have proper slope to drains. Apply when surface temperature of the substrate is between 40°F–105°F.

COVERAGE

WATERPROOFING MEMBRANE

50 sq. ft. per gal.

COVERAGE

ANTI-FRACTURE MEMBRANE

100 sq. ft. per gal.

APPLICATION

Follow applicable ANSI & TCNA installation specifications.

WATERPROOFING

APPLICATION

Clean surface with damp cloth or sponge but do not leave standing water on substrate. No fabric required. Use a paint brush, 3/8" nap roller or 3/16" x 1/4" v-notch trowel to apply liquid membrane. Pre-coat all edges, corners, coves and protrusions with a heavy coat of liquid membrane extending it onto the horizontal surface 6" and on the vertical surface 6". Then apply a continuous even film coat with overlapping strokes over the entire substrate to be waterproofed. After the first coat becomes dry, usually 1–3 hours inspect membrane for voids or pinholes. Fill any voids with liquid membrane and apply second coat to entire substrate at 90 degree angles to the first coat.

ANTI-FRACTURE APPLICATION

Clean surface with damp cloth or sponge but do not leave standing water on substrate. Force the liquid membrane into cracks with the flat side of the trowel, brush or roller. Then, using a 3/16" x 1/4" v-notch trowel or 3/8" nap roller apply additional liquid membrane onto the substrate. NOTE: (When using the trowel technique use the notched side of the trowel first. Then knock down then ridges with the flat side of the trowel to obtain a continuous even film thickness). The membrane should extend beyond both sides of the crack a minimum of one and a half times the size of tiles being installed. For continuous crack prevention cover the entire substrate with material achieving a minimum 30 mil wet thickness.



DRY TIME

Dry time is generally 1–3 hours. Dry time will vary depending on the temperature and humidity. Tile may be applied when GreenSeel™ has changed to a dark green color or dry to the touch. Allow membrane to cure for a minimum of 12 hours prior to conducting water tests for shower pan liner applications.

TILE ADHESION

Install tile or stone with an (118.4) latex-modified thinset mortar.

CLEAN UP

Clean up with soap and water while the material is still wet.

LIMITED WARRANTY

GreenSeel™ warrants that its product shall be free from defects in the material under proper usage for a period of ten years from original installation date. Material safety data sheet available for safety and environmental information. Keep out of reach of children.

LIMITATIONS

Do not apply over concrete with moisture content levels exceeding 8lbs/1000 or where surfaces are subject to hydrostatic pressure.

- Do not use as adhesive
- Do not use as wear surface
- Do not use to bridge existing expansion joints
- Follow TCNA guidelines for wood substrate deflection criteria

TECHNICAL DATA

ANSI 118.10 for load bearing, bonded and waterproofing membrane for thin-set ceramic tile and dimension stone installation.

ANSI A118.10 TEST RESULTS

TEST	REQUIREMENTS	RESULTS
4.1 Fungus & micro-organism resistance	Shall not support mold growth	PASSES
4.2 Seam strength	16 lbs/2" width	28lbs/2" width
4.3 Breaking strength	Min. 170 psi	458 psi
4.4 Dimensional stability	ASTM D638	600%
4.5 Waterproofness	No moisture penetration/ 48hr	PASSES
5.3 7 Day shear strength	Min. 50 psi	262 psi
5.4 7 Day water immersion shear strength	Min. 50 psi	186 psi
5.7 100 Day water immersion shear strength	Min. 50 psi	158 psi