

**1. PRODUCT NAME**

Pro Shield Plus

**2. MANUFACTURER**

SUPERIOR ADHESIVES & TOOLS  
8515 Brown St. Ottawa Lake, MI 49267  
CUSTOMER SERVICE  
1-888-398-6595  
superioradhesivesandtools.com

**3. PRODUCT DESCRIPTION**

Pro Shield Plus is a 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. Pro Shield Plus' elastomeric properties reduce the risk of substrate cracks transferring to finished tile and stone flooring while providing a continuous moisture barrier for wet areas.

**DESCRIPTION****A. Uses**

Designed for waterproofing and crack prevention beneath commercial and residential tile and stone. Can be used in shower stalls, shower pans, tub surrounds, steam rooms, swimming pools, water features, terraces, balconies, and with electric and water floor heating systems.

**B. Features**

- Interior and exterior
- Waterproofs
- Crack prevention

**C. Suitable Substrates**

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

**D. Packaging**

1 gallon  
2 gallon

**E. Shelf Life**

24 months when store at temperatures higher than 40° F and less than 110° F. Keep from freezing

**F. 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, as a wear surface, or to bridge existing expansion joints. Follow TCNA guidelines for wood substrate deflection criteria.

#### 4. TECHNICAL DATA

##### Applicable Standards

ANSI 118.10

#### 5. INSTALLATION

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

##### A. 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 V4" 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.

##### B. 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 V4" 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.

##### C. Dry time

Dry time is generally 1-3 hours. Dry time will vary depending on the temperature and humidity. Tile may be applied when Pro Shield Plus 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.

##### D. Cleaning

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

#### 6. AVAILABILITY

Available exclusively at The Tile Shop. Visit [www.tileshop.com](http://www.tileshop.com) to find your nearest location or call 1-888-398-6595 for more information.

#### 7. MAINTENANCE

Superior installation products require no long-term maintenance, but installation performance and durability may depend on proper maintenance of other products used during installation.

#### 8. TECHNICAL SERVICES

1-888-398-6595