

1. PRODUCT NAME

TechPro™ Tile & Grout Defender

2. MANUFACTURER

TechPro™ is a registered trademark of TCC Materials
 2025 Centre Pointe Blvd., Suite 300
 Mendota Heights, MN 55120 USA
 Phone: 1.651.688.9116
 Web: techmixpro.com

3. PRODUCT DESCRIPTION

TechPro Tile & Grout Defender is an all-in-one tile and grout sealer and enhancer plus grout release. As a grout release agent, Tile & Grout Defender speeds grouting, resists against grout pigment stains and is compatible with all cement-based grout types. Users can grout within 10 minutes of application and grout cleanup is much easier. As a sealer and enhancer, Tile & Grout Defender enriches a tile's natural beauty and makes most tile and grout joints resistant to oil and water-based stains.

Features and Benefits

As a grout release

- Resists against grout pigment stains
- Grout release for easy clean up
- Compatible with all cement-based grout types
- Allows for grouting within 10 minutes after application

As a sealer & enhancer

- Excellent stain resistance to food products
- Enhances tile's natural beauty
- Extremely water-resistant
- Long lasting protection
- Easy application
- Water-based with neutral pH
- Low VOC

When/Where to Use

Sealer for grouts

- As a grout release agent for all cement-based grout types
- Interior and exterior high-use areas

Recommended surfaces for treatment:

- All natural stones
- Polished porcelain, honed porcelain, and textured porcelain
- Saltillo tile for water repellency
- Quarry stone tiles
- Unfilled tumbled travertine, filled polished travertine, and slate
- Marble and granite
- Cement-based grouts
- Concrete countertops

4. TECHNICAL DATA

Typical Values • TechPro Tile & Grout Defender	
Stain Resistance (CTI-72 test method)	Excellent
pH	8-9
Water Repellency	Excellent
Stone Color	Minor Darkening
Light Foot Traffic	15 Minutes
Expected Wear	Up to 3years

Note: Test results obtained under controlled laboratory conditions at 73° F (22.7°C) and 50% relative humidity unless otherwise specified.

VOC

Ultra Low VOC

Available Size

- 1 qt. (946 mL) bottle (BOM #)
- 1 gal. (3.78 mL) bottle (BOM #)

Coverage

- 1 qt. (0.95 L) bottle: Yields up to 500 sq. ft. (49.0 m²/L)
- 1 gal. (3.78 L) bottle: Yields up to 2,000 sq. ft. (49.0 m²/L)

5. INSTALLATION

Preparation

All surfaces must be cleaned to remove all traces of dirt, dust, efflorescence, mold, salt, grease, curing compounds and other foreign materials. Tile & Grout Defender will leave a residue on nonporous materials such as glass and metal. Shrubbery and plant life should be protected from overspray. It should not be applied if the surface temperature is below 40°F (5°C) or above 100°F (40°C), if rain is expected within 2 hours following application, or if high winds or other conditions prevent proper application. If rain has preceded the application, the surface should be allowed to dry for a minimum of 8 hours. A test patch should be applied to the substrate to verify coverage rate, application method and desired results.

Note: It is the responsibility of the installer/applicator to ensure the suitability of the product for its intended use.

Mixing

Shake well before using. Do not dilute. This product has a milky appearance which turns clear when dry.

Application

As a grout release agent

(Test in an inconspicuous area prior to use.)

1. Before applying Tile & Grout Defender, surfaces should be clean, dry, and free of oil, wax, dust, and other contaminants.
2. Thoroughly wet the tile surface with Tile & Grout Defender using a clean rag, sponge, 1" nap roller, brush, or pump spray to achieve 100% surface coverage. Do not allow Tile & Grout Defender pool in grout joints. If it does, remove with a clean rag before it dries.
3. Wait a minimum of 5 minutes and wipe lightly with a clean rag or sponge before the surface dries.

4. Once wiped, allow to air dry for at least 5 minutes or until the surface appears to be completely dry.
5. Begin grouting immediately after drying following grout manufacturer's installation instructions.
6. Clean tools by washing with water. Wash exposed skin with soap and water.

As a grout release agent

(Test in an inconspicuous area prior to use)

1. Before apply Tile & Grout Defender, surfaces should be clean, dry, and free of oil, wax, dust, and efflorescence. Grout should have cured for at least 24 hours prior to application. Concrete should be fully cured (approx. 28 days) prior to application. As a paver pre-treatment, joints should not be filled prior to application.
2. Thoroughly wet the surface with Tile & Grout Defender using a rag, sponge, 1" nap roller, brush, or pump spray to achieve 100% surface coverage. For paver pre-treatment a pump sprayer or brush is recommended to treat the paver sides between the joint spacing in addition to the surface of the paver.
3. Before surface dries, wipe lightly with a clean rag or sponge to remove excess Tile & Grout Defender. Wait a minimum of 5 minutes before wiping. (If Tile & Grout Defender dries before wiping, use a rag and wipe down in any direction.)
4. Once wiped, allow to air dry for at least 5 minutes or until the surface appears to be completely dry.
5. Test the surface with water droplets. If the water penetrates, repeat steps 2 through 4 until water beads.
6. Clean tools by washing with water. Wash exposed skin with soap and water.
7. Surface may be open to normal traffic after one hour without hindering performance.
8. Protect glass, metal, plastic and other non mineral substrates from overspray. It will not etch glass but will leave a residue on nonporous surfaces. Clean equipment immediately with soap and water.

Sealer Reapplication

Reapply every 3 years. The need to reapply may vary based on location, weather conditions, cleaning methods and maintenance products used, tile hardness and porosity. It may be necessary to reapply prior to 3 years.

Maintenance

Not applicable.

Limitations

- Do not store in freezing environment.
- Do not dilute.
- Not for use on wood, plastic, glass, clothes, carpet, or metal.
- Do not mix with bleach.
- Do not use with tumbled travertine if filling of the pits is not acceptable.
- Do not use for commercial applications where the tile surface comes into contact with vegetable oil or other oils.
- Do not use in areas subjected to harsh chemicals such as acids and caustics.
- Do not allow product to pool or dry in grout joints.

Safety

READ THE SAFETY DATA SHEET (SDS) BEFORE USING THIS PRODUCT. SDS information is available on our website: techmixpro.com/techpro

Cautions

Read complete cautionary information printed on product container prior to use.

This Product Data Sheet has been prepared in good faith on the basis of information available at the time of publication. It is intended to provide users with information about and guidelines for the proper use and application of the covered TechPro brand product(s) under normal environmental and working conditions. Because each project is different, TCC Materials cannot be responsible for the consequences of variations in such conditions, or for unforeseen conditions.

6. AVAILABILITY

To locate TechPro products in your area, please contact:

Phone: 1.651.688.9116
 Website: techmixpro.com/techpro

7. WARRANTY

Seller warrants that its product will conform to and perform in accordance with the product specifications. The foregoing warranty is in lieu of all other warranties, expressed or implied, including, but not limited to those concerning merchantability and fitness for a particular purpose. Because of the difficulty in ascertaining and measuring damages hereunder, it is agreed that Seller's liability to the Buyer shall not exceed the total amount billed and billable to the Buyer for the product hereunder.

Shelf Life	Best when used within one year in original, unopened container
Storage Conditions	Store dry, tightly closed original container, out of direct sunlight

KEEP PRODUCT IN CONTAINER FROM FREEZING

WARNING: INJURIOUS TO EYES

KEEP OUT OF REACH OF CHILDREN



TechPro™ is a registered trademark of TCC Materials
 2025 Centre Pointe Blvd., Suite 300
 Mendota Heights, MN 55120 USA
www.techmixpro.com
 ©Copyright 2019 TCC Materials

REV 01/19