

1. PRODUCT NAME

Tenon® Conproco® Plastermix

2. MANUFACTURER

TCC Materials®

2025 Centre Pointe Blvd.
Mendota Heights, MN 55120 USA
Phone: 651.688.9116
Web: tccmaterials.com

3. PRODUCT DESCRIPTION

Tenon® Conproco® Plastermix is a trowel, sponge float, or spray applied, Portland cement finish coating for concrete.

Features and Benefits

- Density and thickness provide resistance to carbonation.
- Significantly improves the natural appearance of concrete, filling voids, sealing pores and adding subtle, uniform texture.
- Improves performance of supplemental coatings—fills voids and pores that coatings don't, providing uniform, monolithic base for protective coatings, such as Tenon Conproco Conpro Lastic, Conproco Super Color Stain and Conproco Color Coat.
- Anti-carbonation system - Combined with Conproco Conpro Lastic provides protection from carbonation, chlorides and other environmental pollutants.
- Economical - High production, easy to apply by spray, trowel or sponge float.

When/Where to Use

- Fill voids
- Provide a uniform finish to cast concrete

4. TECHNICAL DATA

Typical Values • Conproco Plastermix	
Physical State & Appearance	Fine, gray powder
Base	Portland Cement
pH	>12
Setting Time by Vicat Needle (ASTM C191)	Initial: 60 minutes Final: 285 minutes
% Air by Volumetric (ASTM C173)	6%
Compressive Strength - psi (ASTM C109)	7 days: 2,900 psi 14 days: 3,000 psi 28 days: 3,400 psi
Tensile Strength - psi (ASTM C307)	7 days: 400 psi 14 days: 500 psi 28 days: 600 psi

Available Sizes

- 50 lb. bag (BOM# 115276)

Coverage

- 100 ft.² / 50 lbs. @ 1/16 inch

5. INSTALLATION
Preparation

Read all directions before starting work. Proper surface preparation is crucial to achieving a successful application.

1. Remove loose and deteriorated material, laitance, dirt, dust, oil and any surface contaminants that will inhibit proper bond.
2. Repair spalled areas, static cracks and voids with Tenon Conpro Co Pro Set or Tenon Conproco ISR VO.
3. Substrate should have open-pored and textured surface.
4. For best results grind or abrasive blast (CSP 3). Refer to ICRI Surface Preparation Guide 03732 for information about Concrete Surface Preparation (CSP).
5. Apply Tenon Conproco Conpro Start where a consolidant is of benefit.
6. Saturate substrate with clean water, (saturated surface dry/SSD). Wall should be wet when Conproco Plastermix is applied.

Priming

No priming is required under normal circumstances.

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

Mixing

1. Mechanically mix using a low speed drill (400-600 rpm) and mixing paddle or mortar mixer.
2. Pour 3 3/4 quarts of potable water into a clean mixing vessel and slowly add all of the powder.
3. Add 1 quart of Tenon Conproco K-88 Admix (replacing 1 quart of water) per bag of material to increase adhesion and aid in curing, when the substrate is very dense and/or when rapid evaporation will occur due to high wind and high temperature.
4. The proper mix ratio is 4 1/2 parts powder to 1 part water to 1/4 parts Conproco K-88 Admix.
5. Mix continuously for 3 minutes to a uniform, lump-free consistency.
6. Add up to 1 pint of additional water if needed.
7. Allow to "breathe" for 1 minute and remix for 1 minute. This will improve workability and open time.
8. Do not over mix, as this will entrain excess air.

Application

1. At the time of application, surfaces should be saturated surface dry (SSD) but hold no standing water.
2. Bagging – mix 1 part K-88 Admix with 3 parts water to a slurry consistency. Apply with a sponge float to fill voids and bug holes.
3. Texture coat – apply with a trowel. Allow material to take up to thumbprint hard. Apply second application with a trowel and finish with a sponge float.
4. Do not exceed 1/16 inch total thickness.

Curing

- Keep damp with a fine mist of water.
- Protect from direct sunlight, wind, rain and frost during curing period.

Clean Up

Clean tools and equipment with water immediately after use. Cured material must be removed mechanically.

Limitations

1. Do not apply unless substrate and ambient temperature can be maintained at a minimum of 40°F for 24 hours. Refer to ACI Cold Weather Application Guidelines.
2. Cold mixing water and low temperature will retard set. Hot water and high temperature will accelerate set.
3. Protect application from precipitation and high wind for at least 24 hours.
4. Do not add more water than specified.
5. Avoid overworking material during placement.
6. Do not ingest.
7. Avoid breathing dust.
8. Avoid contact with skin & eyes.

Safety

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

- In case of skin contact, wash thoroughly with soap and water.
- For eye contact, flush immediately with a high volume of water for at least 15 minutes and contact a medical professional
- For respiratory problems, remove person to fresh air.

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 Tenon 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 Tenon products in your area, please contact:

Phone: 651.688.9116

Email: info@tccmaterials.com

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	12 months in unopened containers.
Storage Conditions	Transport and store in cool, clean, dry conditions in unopened containers. High temperature or high humidity will reduce shelf life.
Color	Gray
KEEP PRODUCT IN CONTAINER FROM FREEZING	
WARNING: INJURIOUS TO EYES	
KEEP OUT OF REACH OF CHILDREN	



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