

**1. PRODUCT NAME**

Tenon® Conproco® Terracotta Finish

**2. MANUFACTURER**

TCC Materials®  
 2025 Centre Pointe Blvd.  
 Mendota Heights, MN 55120 USA  
 Phone: 651.688.9116  
 Web: [tccmaterials.com](http://tccmaterials.com)

**3. PRODUCT DESCRIPTION**

Tenon® Conproco® Terracotta Finish is a glaze repair for terracotta or glazed brick. Apply over Terra-Color to match surrounding undamaged terracotta. It can be brush or roller applied. This single component, water based clear sealer is available in gloss and matte finish.

**Features and Benefits**

- Advanced chemistry provides long lasting protection from weathering.
- Will not discolor with age
- Breathable - water vapor permeable
- Two coats passes ASTM E514
- Water-based technology, low odor, non-flammable.
- Two finishes - gloss and matte

**When/Where to Use**

- Terracotta
- Brick

**4. TECHNICAL DATA**

Typical Values • Conproco Terracotta Finish	
Physical state & appearance	Wet- Thick, milky white liquid Clear – dull or gloss, plastic-like film
Base	Aqueous
Polymer	Carboxylated styrene acrylic
pH	8.0—9.5
Percent solids by weight	43%
Flash Points (D56)	150°F Seta cc
VOC (ASTM D3960)	58 g/L
Density of liquid coatings (ASTM D1475)	8.8 lbs./gal.
Water vapor transmission (ASTM D1653 wet cup)	11 perms – 1 coat
Accelerated weathering – QUV (ASTM G154 )	2,000 hours – UV-B cycled with condensation – no effect
Water penetration and leakage (ASTM E514)	100% reduction

**Typical Values • Conproco Terracotta Finish cont.**

Freeze/thaw stability (ASTM C932)	Pass – 5 cycles @ 15°F
Heat stability (ASTM C932)	Pass- 4 weeks @ 120°F
Gloss finish – terracotta tile (ASTM D523)	85°F untreated 1.5 – treated 11.0 60°F untreated 1.5 –

**Available Sizes**

- 1 gallon Terracotta Gloss Finish (BOM #115243)
- 5 gallon Terracotta Gloss Finish (BOM #115353)
- 1 gallon Terracotta Matte Finish (BOM #115267)
- 5 gallon Terracotta Matte Finish (BOM #115354)

**Coverage**

Actual coverage will vary depending on substrate porosity. Test application should be applied to determine actual coverage, number of applications required and compatibility with substrate.

**Typical coverage**

- Terracotta:** 200-300 ft.<sup>2</sup>/gal.
- Matrix:** 150-250 ft.<sup>2</sup>/gal.
- Brick:** 200-300 ft.<sup>2</sup>/gal.
- Concrete block:** 75-125 ft.<sup>2</sup>/gal.

**5. INSTALLATION**
**Preparation**

Read all directions before starting work. Proper surface preparation is crucial to achieving a successful application. If acid washing is used to prepare substrate, neutralize with 1 part ammonia to 3 parts water solution flooded over the surface. Residual acid in the substrate will cause Terracotta Finish to form a milky film instead of a clear finish. If this occurs, the material must be removed. Surface must be dry at time of application to allow maximum penetration. Protect adjacent areas from overspray.

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

**Application**

- Stir container.
- Always apply a test area to determine suitability of application.
- Brush or roll material onto substrate in a uniform 6 mils. coat. Brush out ponded material before surrounding area dries. 2 coats are recommended for complete protection.
- Allow the first coat to cure (3-4 hours at 72°F; 7-8 hours at (50-70°F) before applying additional coats. Each additional coat of Terracotta Gloss Finish will increase the intensity of gloss.

**Curing**

Protect from moisture for 24 hours @ 72°F.

**Clean Up**

Clean tools and equipment with water immediately after use.

## Limitations

1. If acid washing is used to clean, substrate must be neutralized with 1:3 ammonia/water solution flooded over the surface.
2. Do not apply if precipitation is forecast within 24 hours of application.
3. Do not apply in strong winds.
4. Do not apply to frozen surfaces.
5. Do not apply if temperature of substrate is below 45°F.
6. Do not apply if ambient temperature is below 45°F.
7. Do not apply in areas susceptible to water ponding.

## Safety

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

## 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](mailto: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.

<b>Shelf Life</b>	18 months in unopened containers.
<b>Storage Conditions</b>	Store dry, cool (40°F-<90°F/4°C-<32°C), out of direct sunlight.
<b>Color</b>	Milky white liquid
<b>KEEP PRODUCT IN CONTAINER FROM FREEZING</b>	
<b>WARNING: INJURIOUS TO EYES</b>	
<b>KEEP OUT OF REACH OF CHILDREN</b>	



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