

### 1. PRODUCT NAME

Tenon® Conproco® M3P Overcoat

### 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® M3P Overcoat is a roller or brush applied, hybrid mineral silicate paint. M3P Overcoat was developed to maintain maximum vapor permeability of previously coated surfaces

#### Features and Benefits

- Can be applied to sound uncoated masonry surfaces in addition to previously coated surfaces
- Is the preferred potassium silicate product for surfaces with exposed aggregate
- Breathable—Will not decrease vapor transmission
- Siloxane component provides long term protection from water & waterborne contaminants
- Unaffected by UV
- Fire Resistant
- Water based, low odor, low VOC
- Single component; stir & apply
- 34 standard colors, plus Masonry Restoration standard colors & custom matching

#### When/Where to Use

- Use over properly prepared conventional masonry coatings & unpainted surfaces

### 4. TECHNICAL DATA

Typical Values • Conproco M3P Overcoat	
Physical State & Appearance	Thick liquid emulsion, natural
Base	Aqueous
pH	11.2
% Solids by Weight	51%
Viscosity (ASTM D562)	95 - 105 KU - paint paddle
Density of Liquid Coatings (ASTM D1475)	1.353 g / mL
Drying Time	1 hour @ 65°F - dry to touch
Fungus Resistance (Fed. Spec. TT-P-19D)	No growth
Accelerated Weathering - QUV (ASTM G154)	2,000 hours - UV-B cycled with condensation - no effect
Hiding power of coating @ 5 mils. (ASTM D2805)	Excellent

### Typical Values • Conproco M3P Overcoat cont.

Water Penetration & Leakage (ASTM E514)	100% reduction
Water Vapor Transmission (ASTM D6490)	71% WVT
Water Vapor Transmission - Procedure B (ASTM E96)	65 perms
Heat Stability (ASTM C932)	Pass - 2 weeks @ 120°F
Mud Cracking @ 10 mills.	None

#### Available Sizes

- 5 gallon pail, M3P Overcoat Std/color (BOM #115223)
- 5 gallon pail, M3P Overcoat SP/color (BOM #115268)

#### Coverage

- 170–300 ft.<sup>2</sup>/gal.
- 100–180 ft.<sup>2</sup>/gal. for split block or rough surfaces.

### 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 penetration.
2. Surface must be dry and frost free.
3. New concrete or repairs must cure a minimum of 7 days prior to application.

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

#### Priming

- No priming is required.

#### Mixing

1. Stir or mechanically mix using a low speed drill (400-600 rpm) until homogenous.
2. Mix pails from different batches when an entire surface is visible (box-mixing).

#### Application

1. Apply a test sample in an inconspicuous area to determine suitability.  
**FOR PRECAST BUILDINGS:** A large mockup may be needed to determine porosity of the substrate.
2. Always check adhesion by using a Tape test such as ASTM D3359.
3. Roll or brush apply a uniform 7 mils wet coat. Apply a second uniform 7 mils wet coat after the first coat is dry to the touch.
4. Substrate temperature must be above 45°F.
5. Ambient temperature must be above 45°F for the entire curing period.

### Application cont.

6. For roller applications use a  $\frac{3}{8}$  -  $\frac{1}{2}$  inch synthetic nap roller depending on texture of substrate.
7. Work to pre-determined break points in the structure.
8. Maintain a wet edge.

### Curing

Protect from moisture for 24 hours.

### Clean Up

Clean tools and equipment with water. Clean adjacent areas with water before material dries.

### Limitations

1. Do not apply if precipitation is forecast within 24 hours of application.
2. Do not apply in strong winds.
3. Do not apply to frozen surfaces.
4. Do not apply if temperature of substrate is below 45°F.
5. Do not apply if ambient temperature is below 45°F.
6. Do not ingest.
7. 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](http://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.
- If respiratory difficulty persists, contact a medical professional

### 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 when properly stored
<b>Storage Conditions</b>	Protect from freezing. Transport and store in cool, clean, dry conditions in unopened containers. High temperature or high humidity will reduce shelf life.
<b>Color</b>	Thick liquid emulsion, natural
<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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