

1. PRODUCT NAME

Tenon® Conproco® Conpro One Coat

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® Conpro One Coat is a trowel or spray applied, cement based, fiber reinforced, polymer enhanced base coat. Conpro One Coat combines scratch and brown coats of traditional stucco systems into one coat stucco base and finish.

Features and Benefits

- Waterproof barrier - passes ASTM E514.
- Density and thickness provide resistance to carbonation.
- Resistant to weathering action, excellent freeze/thaw stability and abrasion resistance.
- Breathable - Allows moisture to diffuse, preventing damage from moisture build-up in wall system.
- Significantly more resilient than EIFS.
- Combines scratch and brown coat to one application.
- Smooth finish - Ready for roller, spray and trowel applied decorative coatings such as, Conproco® Conpro Stucco, Conproco® Conpro Lastic and Conproco® Color Coat.

When/Where to Use

- Block, brick and other masonry surfaces that require scratch & brown coats (base & leveling) of stucco

4. TECHNICAL DATA

Typical Values • Conproco Conpro One Coat	
Physical State & Appearance	Gray powder
Base	Portland Cement
pH	>12
Water/Cement Ratio (wet mix)	0.58
Dry Bulk Density (ASTM C188)	66 lbs. / ft. ³
Compressive Strength - psi (ASTM C109)	7 days: 1,600 psi 14 days: 1,900 psi 28 days: 2,250 psi
Tensile Strength - psi (ASTM C307)	7 days: 280 psi 14 days: 350 psi 28 days: 420 psi

Available Sizes

- 50 lb. bag (BOM# 115224)

Coverage

- 16ft.² @ 3/8 inch

5. INSTALLATION

Preparation

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

Directly Applied to Concrete & Masonry

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 Conproco Conpro Set or Conproco Conpro One Coat.
3. Substrate should have open-pored and textured surface.
4. Apply Conproco Conpro Start where a consolidant is of benefit.
5. Saturate substrate with clean water, (saturated surface dry/SSD). Wall should be wet when Conpro One Coat is applied.
6. For best results on concrete grind or abrasive blast (CSP 3). Refer to ICRI Surface Preparation Guide 03732 for information about Concrete Surface Preparation (CSP).

Reinforced with Metal Lath

1. Substrates must be structurally sound, sheathing must be firmly fastened and comply with all applicable building codes.
2. Place building wrap or air barrier depending upon type of substrate.

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 3.5 - 4 quarts of potable water into a clean mixing vessel to each 50 lb. bag of Conpro One Coat.
3. Mix continuously for 3 minutes to a uniform, lump-free consistency.
4. Add up to 2 pints of additional water if needed.
5. Allow to "breathe" for 1 minute and remix for 1 minute. This will improve workability and open time.
6. Do not over mix, as this will entrain air and cause damage to the glass fibers.

Application

Conproco Impact (direct applied to concrete & masonry)

1. At the time of application, surfaces should be saturated surface dry (SSD) but hold no standing water.
2. Trowel or spray apply material to a uniform minimum of between 3/8 inch and a maximum 7/8 inch.
3. Apply additional coats to achieve a level plane where desirable.

Conproco Impact RM (reinforced with metal lath)

1. Place trim accessories (expansion joints, corner bead, etc.) as specified.
2. Mechanically fasten self-furring diamond mesh metal lath (complying with ASTM C841 and ASTM C847) within the confines of the panels created by the trim accessories. Make sure to overlap the flanges of the trim accessories.
3. Trowel or spray apply material to a uniform minimum of 3/16 inch, to completely cover the lath.
4. Apply additional material up to 1 inch thick for added impact resistance.

Curing

- Keep damp with a fine mist of water for 24 hours.
- 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. 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.
3. Cold mixing water and low temperature will retard set. Hot water and high temperature will accelerate set.
4. Protect application from precipitation and high wind for at least 8 hours.
5. Do not add more water than specified.
6. Avoid overworking material during placement.
7. Expansion joints are required. Refer to Exterior Wall System specifications.
8. Do not ingest.
9. Avoid breathing dust.
10. 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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