

1. PRODUCT NAME

Tenon® Conproco® Conpro Start

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 Start is a spray, roller or brush applied, water based consolidant, used to stabilize and strengthen concrete, masonry and stone.

Features and Benefits

- Anti-carbonation - Reacts with calcium hydroxide, increases surface density.
- Does not form a surface film or inhibit bond of subsequent materials such as coatings or repair mortars.
- Environmentally friendly Water based, low odor, non-flammable.
- Strength gain - Increases compressive strengths of cement based materials.
- Breathable - Water vapor permeable.
- Low viscosity - Deep penetration.
- No mixing required

When/Where to Use

- Restore surface integrity & strengthen substrate prior to application of coatings or repair materials.

4. TECHNICAL DATA

Typical Values • Conproco Conpro Start		
Physical State & Appearance	Slightly clouded liquid	
Base	Aqueous	
Odor	Slight alcohol	
pH	>12	
Actives Type	Inorganic mineral silicate	
Solvent System	Water	
% Solids by Weight	8.35%	
Flash Point (ASTM D56)	>200°F Seta cc	
Density of Liquid Coatings (ASTM D1475)	8.4 lbs. / gal.	
Gain on Mortar	psi	% gain
Compressive Strength (ASTM C109)		
Prior to Treatment	990	—
After Treatment	1,700	71

Typical Values • Conproco Conpro Start cont.

Gain on Old Concrete	psi	% gain
Compressive Strength (ASTM C109)		
Prior to Treatment	3,700	—
After Treatment	3,900	8

Available Sizes

- 1 gallon container (BOM# 115280)
- 5 gallon container (BOM# 115281)

Coverage

- 80-150 ft.²/gal. depending on porosity of treated surface.
- Apply a test sample to determine actual coverage.

5. INSTALLATION
Preparation

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

- Remove loose and deteriorated material, laitance, dirt, dust, oil and any surface contaminants that will inhibit proper penetration.
- Follow the specific surface preparation instruction for the Tenon material to be used.
- Protect glass from overspray.
- No priming is necessary.

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

Mixing

- Stir or shake container.

Application

- Always apply a test area to determine suitability of application.
- For roller applications use a $\frac{3}{8}$ - $\frac{1}{2}$ inch synthetic nap roller depending on texture of substrate.
- For spray applications use a low pressure or airless sprayer.
- Thoroughly saturate the surface to ensure adequate penetration.
- For horizontal applications apply liberally and brush out to eliminate ponded material.
- Additional coats can be applied when the previous treatment is dry-to-touch.

Curing

No curing procedures are required. Allow 12 hours before repair mortar or coating is applied to treated surfaces.

Clean Up

- Clean tools & equipment with water. Clean windows with glass cleaner.

Limitations

1. Do not apply unless substrate and ambient temperature can be maintained at a minimum of 40°F for 8 hours. Refer to ACI Cold Weather Application Guidelines.
2. Protect glass from overspray. Clean glass immediately with glass cleaner.
3. A white film can develop on dense surfaces or surfaces previously treated with water repellents. Clean immediately with acetic or other mild acid. After 24 - 48 hours it will be necessary to use mechanical abrasion to remove film.
4. The effectiveness will vary depending upon the porosity and chemical composition of the substrate. A test application should be performed to determine performance on a specific substrate.
5. Always apply a test sample on brick to determine any visibly undesirable effects, e.g. white crystalline film.
6. Do not allow material to pond.
7. Do not ingest.
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	18 months in unopened containers.
Storage Conditions	Transport and store in cool, clean, dry conditions in unopened containers. Protect from freezing. High temperature will reduce shelf life.
Color	Clouded liquid
KEEP PRODUCT IN CONTAINER FROM FREEZING	
WARNING: INJURIOUS TO EYES	
KEEP OUT OF REACH OF CHILDREN	



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