CONPROCO® CONPRO LASTIC

Waterproof, elastomeric, anti-carbonation membrane

1. PRODUCT NAME

Tenon® Conproco® Conpro Lastic

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 Lastic is a roller, spray or brush applied, waterproof, elastomeric, crack bridging, anti-carbonation membrane.

Features and Benefits

- Retains elasticity at low temperatures
- Two 15 mils. wet coats provide waterproof membrane
- Mitigates carbonation of concrete
- Water vapor permeable.
- Formulated for highly alkaline substrates.
- UV stable & mildew resistant.
- Colorfast; premium quality exterior grade pigments, minimize fading.
- Available in sanded & smooth finishes.
- 38 standard colors and custom matching.

When/Where to Use

- Protect vertical concrete, block, brick, stucco and EIFS from water and contaminant entry
- Will bridge minor cracking

4. TECHNICAL DATA

Typical Values • Conproco Conpro Lastic		
Grade	**Smooth**	**Sanded**
Physical State & Appearance	Liquid - tinted - thick paint	Liquid - tinted - thick paint
Base	Aqueous	Aqueous
Polymer	100% Acrylic	100% Acrylic
pH	9.5 - 10.5	9.5 - 10.5
VOC	<250 g/L	<250 g/L
% solids by weight	54%	62%
% solids by volume (ASTM D2697)	46%	—
Viscosity (ASTM D562)	<142 KU	<142 KU
Flame Spread (ASTM E84)	Zero	Zero
Density of Liquid Coatings (ASTM D1475)	10.6 lbs. / gal.	11.2 lbs. / gal.
Tear Resistance (ASTM D6083)	80 lbs. / inch	28 lbs. / inch

Typical Values • Conproco Conpro Lastic cont.		
Grade	**Smooth**	**Sanded**
Moisture vapor transmission Method B wet cup (ASTM D1653)	16.2 perms @ 15 mils. DFT	39 perms @ 15 mils. DFT
Accelerated Weathering - QUV (ASTM G154)	2,000 hours - UV-B cycled with condensation - no effect	2,000 hours - UV-B cycled with condensation - no effect
Resistance to Chemicals (ASTM D1308)	Excellent	Excellent
Water Penetration & Leakage (ASTM E514)	100% Reduction	100% Reduction
Wind Driven Rain (Fed. Spec TT-C-555B)	Pass	Pass
Wind Driven Rain (ASTM D6904)	Pass	—
Dirt Pick-up (ASTM D3719)	Excellent	Excellent
Low Temperature Flexibility (ASTM D552)	Pass	Pass
Low Temperature Flexibility after 1,000 hrs. (ASTM D552)	Pass	Pass
Tensile (ASTM D412)	270 psi	—
Elongation (ASTM D412)	485%	—
Crack Bridging (ASTM C1305)	No Cracking	—

Available Sizes

- 5 gallon pail Lastic Smooth/Std Color (BOM #115304)
- 5 gallon pail Lastic Smooth/SP Color (BOM #115416)
- 5 gallon pail Lastic Sanded/Std Color (BOM #115412)
- 5 gallon pail Lastic Sanded/SP Color (BOM #115299)

Coverage

- 100 ft.^{2} / gal. @ 15 mils. wet for smooth surfaces
- 50-75 ft.^{2} / gal. @ 15 mils. wet 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 adhesion.

Preparation cont.

2. Prepare surface to a sandpaper-like texture (CSP 3) by mechanical abrasion or medium water blasting. Refer to ICRI Surface Preparation Guide 03732 for information about Concrete Surface Profile (CSP).
3. Surface must be dry and frost free.
4. Small voids, air pockets, static cracks up to $^{1}/_{16}$ inch and irregularities should be filled with Conproco® Plastermix.
5. Repair larger voids and damaged areas with Conproco® Conpro Set or Conproco® ISR VO.
6. For cracks greater than $^{1}/_{16}$ inch, rout and caulk with a urethane sealant. Refer to SWRI Sealants – The Professionals' Guide.
7. Apply Plastermix to concrete where a monolithic, void free texture is desired.
8. Apply Plastermix on reinforced concrete to increase carbonation resistance.
9. Priming is not necessary 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. 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.

Application

1. Apply a test sample to determine adhesion. Test using ASTM D3359 (Method A) adhesion procedure.
2. Substrate temperature must be above 45ºF.
3. Ambient temperature must be above 45°F for the entire curing period.
4. Roll, spray or brush apply a uniform 15 mils. wet – dries to 7 mils.
5. For roller applications use a 1 - 1¼ inch synthetic nap roller depending on texture of substrate.
6. For spray applications use a Graco 3500, President or Bulldog or equivalent with a 0.041 - 0.047 tip.
7. Spray application must be back rolled for a pin-hole free surface.
8. Work to pre-determined break points in the structure.
9. Maintain a wet edge.
10. Box mixing is recommended between batches.
11. Apply a second coat when the first is dry-to-touch.

Curing

Protect from moisture for 24 hours and wind driven rain for 72 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 horizontal or overhead surfaces.
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 ponding water .
8. Do not ingest.
9. Avoid contact with skin & eyes.
10. Avoid breathing vapors.

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.
- 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

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 when properly stored.
Storage Conditions	Protect from freezing. Transport and store in cool, clean, dry conditions in unopened containers. High temperature or humidity will reduce shelf life
Color	See Designer Series Color Card

KEEP PRODUCT IN CONTAINER FROM FREEZING

WARNING: INJURIOUS TO EYES

KEEP OUT OF REACH OF CHILDREN

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