

1. PRODUCT NAME

Tenon® Conproco® Super Color Stain

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® Super Color Stain is a water based opaque acrylic stain that enhances the appearance of and protects concrete, CMU, stucco, and brick. It can be used as a washable finish for Tenon Conproco Elastideck. It can be roller, spray or brush applied.

Features and Benefits

- Water repellent - Two coat application passes ASTM E514
- Breathable - Water vapor permeable
- Alkaline stable - formulated for highly alkaline substrates.
- UV stable
- Mildew resistant
- Excellent dirt and stain resistance
- 38 standard colors and custom colors available

When/Where to Use

- Concrete
- CMU
- Stucco
- Brick
- Masonry Surface

4. TECHNICAL DATA

Typical Values • Conproco Super Color Stain	
Physical state & appearance	Liquid emulsion – thin – paint-like
Base	Aqueous
Polymer	100% Acrylic
pH	8.7
Percent solids by weight	35%
Percent solids by volume	31%
Viscosity (ASTM D562)	81 KU - paint paddle
VOC (ASTM D3960)	<0.32 lbs./gal. – 38 g/L
Density of liquid coatings (ASTM D1475)	9.64 lbs./gal.
Drying time	2 hours @ 65°F - dry to touch
Water vapor permeance (ASTM D1653 wet cup)	17 perms (grains/h-ft ² -in-Hg.)

Typical Values Cont. • Conproco Super Color Stain cont.

Fungus resistance (Fed. Spec. TT-P-19D)	Pass—no growth
Accelerated weathering – QUV (ASTM G154)	2000 hours – UV-B cycled with condensation – no effect
Resistance to chemicals (ASTM C1308)	Dried ketchup/Dried coffee/Dried soda – excellent Gas/Motor oil - excellent
Wind driven rain (Fed. Spec TT-C-555B)	No leakage @ 62 mph – 2 coats
Water penetration and leakage (ASTM E514)	100% reduction – 2 coats
Resistance to abrasion – tabor (ASTM C1353)	250 cycles – 2.8% loss – H22 wheel with 500 gms.
Freeze/thaw stability (ASTM C932)	Pass
Heat stability (ASTM C932)	Pass – 2 weeks @ 120oF
Dirt pick-up (ASTM D3719)	Excellent
Mud cracking @ 15 mils.	None

Available Sizes

- 5 gallon pail Super Color Stain Std/Color (BOM #115229)
- 5 gallon pail Super Color Stain SP/Color (BOM #115284)

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

- 250 ft.²/gal. @ 6 mils wet
- 150 ft.²/gal. @ 6 mils wet for split block or rough surfaces

5. INSTALLATION
Preparation

1. Read all directions before starting work. Proper surface preparation is crucial to achieving a successful application.
2. Prepare surface to be sandpaper-like texture (CSP 3) by mechanical abrasion or 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. Repair large voids and damaged areas with Tenon Conproco Conpro Set or ISR VO.
5. For cracks greater than 1/16 inch rout and caulk with a urethane sealant. Refer to SWRI Sealants – The Professionals' Guide.

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

Mixing

1. Priming is not necessary under normal circumstances.
2. Stir or mechanically mix using a low speed drill (400-600 rpm) until homogenous.
3. Mix pails from different batches when an entire surface is visible.

Application

1. Apply a test sample to determine adhesion. Test using ASTM D3359 cross-hatch adhesion test.
2. Substrate temperature must be above 45°F.
3. Ambient temperature must be above 45°F for the entire curing period.
4. For roller applications use a 3/8 - 1/2 inch synthetic nap roller depending on texture of substrate.
5. For spray applications use an airless sprayer with a 0.019 - 0.021 tip.
6. Work to pre-determined break points in the structure.
7. Maintain a wet edge.
8. A second coat may be applied when the first is dry-to-touch.
9. For horizontal applications, first apply Tenon Conproco Elastideck to the substrate. Next, apply Super Color Stain in the same color to provide a durable pedestrian wear surface. Refer to Tenon Conproco Elastideck's Technical Data Sheet for more information.

Curing

Protect from moisture for 24 hours.

Clean Up

Clean tools and equipment with water immediately after use. Cured material must be removed mechanically.

Limitations

1. A light color stain may not completely hide a dark substrate, even with 2 coats.
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.

Safety

READ THE SAFETY DATA SHEET (SDS) BEFORE USING THIS PRODUCT. SDS information is available on our website: 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

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	Store dry, cool (40°F-<90°F/4°C-<32°C), out of direct sunlight.
Color	Reference Designer Series Color Card
KEEP PRODUCT IN CONTAINER FROM FREEZING	
WARNING: INJURIOUS TO EYES	
KEEP OUT OF REACH OF CHILDREN	



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