

1. PRODUCT NAME

Tenon[®] Cure & Seal WB

2. MANUFACTURER

TCC Materials[®]
 2025 Centre Pointe Blvd.
 Mendota Heights, MN 55120 USA

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3. PRODUCT DESCRIPTION

Tenon[®] Cure & Seal WB is a clear, non-yellowing, waterborne, acrylic polymer membrane forming compound used for curing, sealing, and dustproofing of freshly-placed and/or existing concrete, terrazzo, brick, stone, architectural concrete, and other cementitious materials. Cure & Seal WB will pass all VOC compliance laws. Cure & Seal WB is formulated to cure, seal, protect, and dust-proof concrete, as well as to seal many types of porous tile and resilient floors. Designed for both exterior and interior applications, it is particularly recommended for indoor work in public buildings and housing (hospitals, restaurants, and private residences where solvent systems are difficult to use). The white solution dries clear and provides a dust-free surface. Cure & Seal WB provides optimum curing of the concrete as well as resistance to traffic abrasion. Construction debris are easier to clean. Compatible with most tile and carpet adhesives.

Features and Benefits

- Low VOC, water-based mix
- Tack-free in 2–4 hours
- Ready to use (no diluting)
- Chemical resistant
- Sprays white, dries clear

Uses

- Cure and seal surfaces
- Interior or exterior applications
- New or existing applications
- Concrete, masonry, terrazzo, brick, stone, masonry, and other cementitious materials.
- Seal many types of resilient floor coverings and porous tile.
- Commercial and residential applications

SAFETY

READ THE SAFETY DATA SHEET (SDS) BEFORE USING THIS

PRODUCT. SDS information is available on our website: tccmaterials.com or contact TCC Materials[®] at 651-688-9116 (7:30 AM to 4:00 PM Central US Time).

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, neither Tenon[®] nor TCC Materials[®] can be responsible for the consequences of variations in such conditions, or for unforeseen conditions.

4. TECHNICAL DATA

NOTE: These dry times are dependent on normal drying conditions. Cool temperatures or high humidity will slow the drying time.

Typical Results of Tenon [®] Cure & Seal WB	
Composition and Materials	Formulated of fine quality, hard, but pliable acrylic polymers in an aqueous system. No fillers are used and there are no oils, waxes or saponifiable resins. Tenon [®] products are manufactured with only the finest quality raw materials available and close quality-control is practiced.
Moisture Efficiency	Meets ASTM C-309
Typical Drying Time @ 70°F	1–2 hours (touch) 4–12 hours (traffic)
VOC Content	< 350 g/l
A.I.M. Category	Concrete Curing Compound Maximum VOC 350 g/l
Applicable Standards	ASTM C-309, Type 1, Class A, B and Type 1D with a red dye added. Fed. TT-C-800A, Type 1, Class 1 ACI Standard 302.77 for use on Class 1, 2, 3, and 4 concrete floors AASHTO Des. M-148, Type 1, Clear USDA Authorization for use in meat, poultry, and food processing plants. Resilient Tile Institute approval for compatibility with most resilient tile, carpet adhesives, and paints.

Packaging

- 1 gal. bottle (3.78 L) – Product #120823
- 5 gal. pail (18.93 L) – Product #120822
- 55 gal. drum (208 L) – Product #120824

Shelf Life

For best use, the recommended shelf life is 12 months. If age is beyond 12 months, please contact your distributor. Store in the original, tightly closed container, out of direct sunlight. Protect from freezing, store at 50°F–90°F (10°C–32°C).

5. INSTALLATION

Preparation

- Remove all loose or unsound materials prior to application.
- Thoroughly clean existing surfaces of dirt, dust, oil, grease or other contaminants before using. TSP (Trisodium Phosphate) in very hot water can be used, rinse well and allow to dry.
- Check compatibility with the substrate manufacturer prior to placement.
- Do not apply when rain is expected within 4–6 hours of application.

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

Job Mockups

The manufacturer requires that when its Tenon® products are used in any application or as part of any system that includes other manufacturers' products, the contractor and/or design professional shall test all the system components collectively for compatibility, performance and long-term intended use in accordance with pertinent and accepted industry standards prior to any construction. Written documentation of the tests performed shall be satisfactory to the design professional and contractor. Test results must include the means and methods of application, products used, project-specific conditions being addressed, and standardized tests performed for each proposed system or variation.

Mixing

- Mixture may be gently stirred to blend prior to use.
- Do not dilute.

Application

New Concrete: Curing

Apply after troweling is complete and surface is dry, immediately after surface water has dissipated and concrete can withstand weight. Use of a low-pressure sprayer is best to apply uniformly at the specified rate of coverage, however other application methods can be used i.e. lamb's wool applicator, or medium nap roller.

Existing Concrete: Sealing

Apply to a clean, dry surface. Use a medium nap roller or low-pressure sprayer to apply uniformly, avoiding heavy accumulations. A second coat may be applied on very porous surfaces with rapid absorption.

Allow the product to become tack-free between coats. Spray the second coat with good pressure and a mist of spray from the nozzle.

1. Apply only when air and substrate temperatures are between 50°F–90°F (10°C–32°C). Apply to dry surfaces only for optimal performance.
2. Use low-pressure sprayer to apply uniformly at the specified rate of coverage. Avoid heavy accumulation. A lamb's wool applicator or medium nap roller can also be used.
3. Do not allow exposure to rainfall, water, or traffic until fully dried.

Note: Cure & Seal WB may darken the appearance of concrete, especially if it is applied too heavily. A small mock-up in an inconspicuous area is often done to test compatibility with the substrate prior to full application.

Cleaning

Use warm water and soap before this material dries. After product dries, an organic solvent such as xylene, may be used.

Limitations

- Store and apply between 50°F–90°F (10°C–32°C). Do not allow product in container to freeze.
- Avoid build-up or over-application of product as this may cause slippery conditions or separation between coats.
- Keep containers tightly sealed when not in use.
- Wash hands after using.
- Do not dilute with water or solvents.
- Dispose of contents/container in accordance with all local and state regulations.
- Keep out of reach of children.

Coverage

Note: Coverage is per coating and may vary due to porosity, wind, temperatures, and condition of surfaces.

6. AVAILABILITY

To locate Tenon® products in your area, please contact:

Phone: 1.651.688.9116
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 mer-

Approximate Coverage @ 70°F (21°C)	Sq. Ft./Gal.	M²/L
Curing: Broomed or Troweled	200–300	4.9–7.3
Second Coat	300–500	7.3–12.6

chantability 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.

8. MAINTENANCE

Not applicable.

9. TECHNICAL SERVICES

Technical Assistance:

Information is available by calling TCC Materials®
(hours 7:30 AM to 4:00 PM CST):

Phone: 1.651.688.9116

Email: info@tccmaterials.com

Web: tccmaterials.com

Technical and Safety Literature:

To acquire technical and safety literature, please visit our website at: tccmaterials.com.

10. FILING SYSTEM

Division 9



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