

1. PRODUCT NAME

Tenon® Wax Cure 309 WB—White Pigmented

2. MANUFACTURER

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

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3. PRODUCT DESCRIPTION

Tenon® Wax Cure 309 WB is a water-based, white pigmented, liquid membrane forming, wax curing compound used for moisture retention of freshly placed concrete. Tenon® Wax Cure 309 WB is formulated for curing concrete. The addition of white pigment to the wax film reflects the heat of the sun to protect excess heat build-up. Designed for exterior applications, it is particularly recommended for slip form, curb and gutter, and municipal sidewalk applications where minimum moisture retention is required. Tenon® Wax Cure 309 WB will pass all VOC compliance laws.

Features and Benefits

- VOC Compliant
- Tack-free in 2–4 hours (cooler or more humid conditions will extend drying time)
- Ready to use (no diluting)
- White pigments to reflect the heat of the sun
- Clean-up with water (after dry, a tool cleaning solvent may be required)

Uses

- Cure concrete surfaces
- Exterior applications
- New applications once bleed water has disappeared
- 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

Composition and Materials	Formulated with a refined petroleum wax to form a watertight membrane and finely ground white pigments to protect the substrate from heat build-up. Tenon® products are manufactured only with the finest quality raw materials available and close quality-control is practiced.
Moisture Efficiency	Meets ASTM C-309 Type 2 Class A
Typical Drying Time @70°F	1—2 hours (touch) 4—12 hours (traffic)
VOC Content	50 g/L
A.I.M. Category	Concrete Curing Compound maximum VOC 350 g/L

- Compliant with Federal US EPA VOC regulations for Concrete Curing Compounds. Meets requirements of U.S. EPA, LADCO, SCAQMD, and OTC.

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

Packaging

- 5 gal. pail (18.93 L) – Product #113860
- 55 gal. drum (208 L) – Product #113849
- 275 gal. tote (1041 L) – Product #113851

Shelf Life

For best use, the recommended shelf life is 12 months. If shelf life is beyond 12 months, please contact your distributor. Store in the original labeled container, away from moisture, out of direct sunlight. Keep containers tightly sealed when not in use.

5. INSTALLATION

Preparation

- Read all directions before starting work. Read and understand SDS pages for safety precautions prior to use.
- 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 should be gently stirred to blend prior to use.
- Do not over agitate or use high speed mixing equipment.
- 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.

- 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.
- Use a 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.
- Do not allow exposure to rainfall, water, or traffic until fully dried.

Cleaning

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

Limitations

FOR PROFESSIONAL USE ONLY! Store and apply between 50°F–90°F (10°C–32°C). Do not allow product in container to freeze. Do not apply below 50°F (4°C). Avoid build-up or over-application of product as this may cause slippery conditions or separation between coats. Tenon® Wax Cure 309 WB is not recommended for interior applications. Any applications to receive coatings, tile, grout, adhesives, or subsequent veneers will require complete removal of Tenon® Wax Cure 309 WB. Keep containers tightly sealed when not in use. Wash hands after using. Do not dilute with water or solvents. Dispose of contents/containers in accordance with all local and state regulations. Keep out of reach of children.

Coverage Rate

Approximate Coverage @ 70°F (21°C)	Sq. Ft. / gal	Sq. M. / L
Curing: Broomed or Troweled	200–300	4.9–7.3
Second Coat (if required)	300–500	7.9–12.6

Note: Texture and absorption of forming material will dictate final coverage rate.

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 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.

8. 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.

9. FILING SYSTEM

Division 3

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Data Sheets are subject to change without notice. For the latest
revision, check our website at tccmaterials.com



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