

## 1. PRODUCT NAME

Tenon™ Dissipating Cure WB

## 2. MANUFACTURER

Bluestone Products, a TCC Materials® company  
2025 Centre Pointe Blvd.  
Mendota Heights, MN 55120 USA

Phone: 1.651.688.9116  
Fax: 1.651.688.9164  
Internet: tccmaterials.com

## 3. PRODUCT DESCRIPTION

Tenon™ Dissipating Cure WB is designed for curing and hardening freshly placed concrete surfaces. It is a water-based hydrocarbon resin compound. Concrete strength can be reduced by up to 40% if not properly cured, and can result in surface cracking, crazing, curling, and dusting. Complete hydration is reached with Dissipating Cure WB by acting to retain 95% of the moisture present in the fresh concrete for a minimum of 72 hours. This restriction of evaporation allows the concrete to reach maximum density and hardness. Dissipating Cure WB becomes chemically brittle in about 4 weeks (or less) after application. Curing compounds are not protective sealers or wear coatings and must be removed from the surface prior to application of liquid floor hardeners, penetrating coatings such as silanes, or cementitious toppings. Will wear off most surfaces with normal traffic, sunlight and/or weathering, any residue of Dissipating Cure WB can be removed with a power sweeper, hard brooming, and/or pressure washing, making the surface suitable for coatings, water-repellant sealers or for acid etching done preceding epoxy or urethane top coatings.

### Features and Benefits

- Low VOC
- Allows concrete to reach maximum hardness by limiting evaporation
- Ready to use (no diluting)
- May be mixed with a red fugitive dye to ensure uniform application
- Easy to apply with sprayer, brush, or roller
- Clean up with water

### Uses

- Interior and exterior applications
- Whenever proper concrete curing is desired
- Sidewalks, floors, curbs, gutters, and roadways
- Vertical or horizontal applications

## SAFETY

READ THE SAFETY DATA SHEET (SDS) BEFORE USING THIS PRODUCT. SDS information is available on our website: [tccmaterials.com](http://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

Typical Results of Tenon™ Dissipating Cure WB	
Composition and Materials	A blend of aqueous acrylic resin. Tenon™ products are manufactured with only the finest quality raw materials available and close quality-control is practiced.
Density	8.4 lbs. per gal.
Flash Point	> 200°F (> 93°C)
Moisture Efficiency	0.40 kg/m <sup>2</sup> @ 200 sq. ft. per gal.
Drying Time	2-4 hours (touch) 4-12 hours (traffic)
VOC Content	< 350 g/l
A.I.M. Category	Concrete Curing Compound Maximum VOC 350 g/l
A.I.M. Definition	A coating formulated and recommended for application to freshly placed concrete to retard the evaporation of water
Applicable Standards	ASTM C-309, Type 1, Class B maximum allowed 0.55 kg/m <sup>2</sup> AASHTO M148 Type 1, Class B

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

## Packaging

- 1 gal. bottle (3.78 L) – Product #120841
- 5 gal. pail (18.93 L) – Product #120840

## 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. Protect unused product from freezing, store at 50°F–90°F (10°C–32°C). Keep containers tightly sealed when not in use.

## 5. INSTALLATION

### Preparation

- Remove any dirt, dust or foreign matter that may have accumulated on the surface.

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

Dissipating Cure WB should be stirred or agitated to bring the solids back into suspension before using. Do not over-mix or use high-speed mixing equipment. Do not dilute.

### Application

1. Apply only when air and substrate temperatures are between 50°F–90°F (10°C–32°C).
2. Apply immediately after finish troweling new concrete is complete and the surface water has dissipated.
3. Use low-pressure sprayer to apply uniformly at the specified rate of coverage. Avoid heavy accumulation. A medium nap roller or brush can also be used.
4. Dry time is approximately 2 hours at 70°F (21°C).
5. May be mixed with a red fugitive dye to ensure uniform application.

Note: Apply with light, even distribution. Two applications, one at right angles to the other is preferred to a single heavy coat. Do not over-apply, as this will inhibit dissipation and will make the product difficult to manually remove. 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.
- Use as a resin based curing compound, not as a protective sealer for concrete surfaces
- Some fumes may be present during application. Use best practices when applying on interiors for proper ventilation. Dissipating Cure WB is non-toxic in it's cured state.
- Keep containers tightly sealed when not in use.
- 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

Approximate Coverage @ 70°F (21°C)	Sq. Ft./ gal.	M <sup>2</sup> / L
Broomed finishes	200–300	4.9–7.3
Troweled finishes		
Exterior	300	7.3
Interior	400	9.8

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  
Website: 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. MAINTENANCE

A power sweeper with stiff bristle brushes or buffer a with coarse pad will remove the dried Dissipating Curing Compound WB from concrete surfaces. Hard brooming and power washing can also aid in preparation for sealer coatings.

## 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  
Fax: 1.651.688.6164  
Web: [tccmaterials.com](http://tccmaterials.com)

Technical and Safety Literature:

To acquire technical and safety literature, please visit our  
website at: [tccmaterials.com](http://tccmaterials.com).

## 10. FILING SYSTEM

Division 9



Bluestone Products  
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