

1. PRODUCT NAME

Tenon® Burnished Block Sealer WB Matte

2. MANUFACTURER

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

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3. PRODUCT DESCRIPTION

Tenon® Burnished Block Sealer WB Matte is used as a final sealer on masonry block walls including burnish block or groundface block, architectural block, brick, slate, paving stone, terrazzo, quarry tile, and cementitious materials. It enhances color to the surface without the gloss. It forms a breathable membrane to increase protection from damaging freeze–thaw cycles, deicing salts, efflorescence, and chemical erosion, protects surfaces from most chemicals, dirt, acids, alkali, oil, grease, foods, and airborne pollutants while making these surfaces easier to clean. Made with a durable polysiloxane that does not yellow when exposed to the sun's UV rays.

Features and Benefits

- Enhances the color without creating a sheen
- Non–staining, non–yellowing
- Ready to use (no diluting)
- Makes surfaces less dusty and easier to clean by resisting penetration of grease or rust stains on concrete surfaces
- Easy to apply with sprayer, roller, or long nap applicator
- Protects from effects of rain water penetration, chemicals, oils, salt, freeze–thaw, smog, and contaminants
- 2–hour drying time under normal conditions
- Wear patterns can be easily re–coated

Uses

- Above–grade
 - Interior and exterior
 - Horizontal or vertical applications
 - New or existing applications
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- Final seal for finished masonry block walls including burnished block or groundface block, architectural block, natural and synthetic stone, paving stone, brick, stucco, quarry tile, and terrazzo

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. Apply only to surfaces when air and substrate temperatures are between 40°F–100°F (4°C–38°C) and the Burnished Block Sealer WB Matte is above 50°F (10°C).

Typical Results of Tenon® Burnished Block Sealer WB Matte	
Composition and Materials	A durable water based polysiloxane, no fillers, wax, oil, or saponifiable resins are used. Tenon® products are manufactured with only the finest quality raw materials available and close quality–control is practiced.
Percent Solids	11%
Flash Point	>140°F (60°C)
Typical Drying Time @ 70°F	1 hour (touch) 2 hours (traffic)
VOC Content	< 300 g/l

For best results, avoid application in direct sunlight.

Packaging

- 1 gal. bottle (3.78 L) – BOM #130090
- 5 gal. pail (18.93 L) – BOM #130080
- 55 gal drum (208L) – BOM #129695

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. Burnished Block Sealer WB Matte will freeze, protect from freezing. Allow to warm to at least 50°F (10°C) prior to use. DO NOT STORE NEAR HEAT OR OPEN FLAME. Keep containers tightly sealed when not in use.

5. INSTALLATION

Preparation

- Read all directions before starting work. Burnished Block Sealer WB Matte is ready for use, do not dilute. Read and understand SDS pages for safety precautions prior to use.
- Thoroughly clean surface of dirt, dust, oil, grease or other contaminants before using.
- For optimal performance, apply only to dry, fully cured surfaces, including mortar grout joints in order to not trap moisture between the film and the surface.
- Do not apply when rain is expected within 4–6 hours of application. Apply only to surfaces when air and substrate temperatures are between 40°F–100°F (4°C–38°C) and the Burnished Block Sealer WB Matte is above 50°F (10°C). For best results, avoid application in direct sunlight.
- Use only in well-ventilated areas.

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

- Stir gently to blend prior to use; do not entrain air.
- Product ready for use. Do not dilute.

Application

- Apply when both air and substrate temperatures are between 40°F–100°F (4°C–38°C) and the Burnished Block Sealer WB is above 50°F (10°C). For best results, avoid application in direct sunlight.
- Apply with an airless sprayer, roller, or with a long napped applicator at the rate of 200–500 sq. ft. per gal.

- Sprayers must be equipped with neoprene or other compatible fittings as some components can damage rubber fittings.
- Work the Burnished Block Sealer WB Matte into the surface, avoiding pools, runs, sags, or the creation of lap marks. Do not over apply.
- Surface should have a uniform coating.
- May also be used on fully cured, dry, horizontal surfaces using a low-pressure sprayer, roller, or brush.

Note: Burnished Block Sealer WB Matte will 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. When applying to existing areas surfaces must be clean and dry.

Cleaning

Do not allow the Burnished Block Sealer WB Matte to dry on tools or equipment. Quickly wash sprayers with warm soapy water to remove any residue and prevent clogs in the hose and wand. For skin contact, wash thoroughly with soap and warm water.

Limitations

- Burnished Block Sealer WB Matte is not recommended for applications on freshly-poured decorative concrete, asphalt, surfaces subject to hydrostatic pressure, or as a water-proofing agent for below-grade surfaces.
- Use only with sufficient ventilation, do not breathe vapor or mist, wear the appropriate properly fitted NIOSH/MSHA approved respirator. Close container tightly after each use. Some fumes may be present during application. Use best practices when applying on interiors for proper ventilation. Burnished Block Sealer WB Matte is non-toxic in its cured state.
- Allow Sealer to warm to 50°F (10°C) prior to use. Apply only to surfaces when air and substrate temperatures are between 40°F–100°F (4°C–38°C).
- For best results, avoid application in direct sunlight.
- 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 and animals.

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

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

Approximate Coverage @ 70°F (21°C)	Sq. Ft./Gal.	M² /L
Burnished block	200–500	6.1–12.3
Horizontal surfaces	200–500	6.1–12.3

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

Minimal maintenance is required other than normal cleaning of vertical surfaces. For maintenance on horizontal surfaces, sweep, dust, or mop. If wear patterns do occur, or if spillage removes the coating, reapply to the affected area.

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

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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