

1. PRODUCT NAME

Tenon™ Burnished Block Sealer

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
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3. PRODUCT DESCRIPTION

Tenon™ Burnished Block Sealer 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. Burnished Block Sealer enhances the beauty, giving the surface a rich “wet-look” sheen. It forms a 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 blend of methacrylate polymers, this aromatic solvent–based coating does not yellow when exposed to the sun’s UV rays.

Features and Benefits

- Enhances the color and adds 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
- 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

Typical Results of Tenon™ Burnished Block Sealer	
Composition and Materials	A blend of 100% methacrylate acrylic polymers in a fast–drying aromatic solvent. 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.
Percent Solids	25%
Flash Point	105°F (40.5°C)
Typical Drying Time @ 70°F	1 hour (touch) 2 hours (traffic)
VOC Content	< 700 g/l
A.I.M. Category	Curing and Sealing Compound Maximum VOC 700 g/l

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 #121100
- 5 gal. pail (18.93 L) – Product #129530
- 55 gal drum (208L) – Product #121101

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. Burnished Block Sealer will not freeze, however it must be allowed to warm to 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 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, which can cause a white film to develop.
- Do not apply when rain is expected within 4–6 hours of application.
- 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

- Mixture may be gently stirred to blend prior to use. Do not entrain air.
- Do not dilute with water or solvents.

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 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 300–500 sq. ft. per gal.
- Sprayers must be equipped with neoprene or other compatible fittings as the solvent can damage rubber fittings.
- Work the Burnished Block Sealer into the surface, avoiding pools, runs, sags, or the creation of lap marks. Do not over apply.
- Surface should have a uniform coating.

- Allow first coating to thoroughly dry prior to application of a second coating.
- May also be used on fully cured, dry, horizontal surfaces using a low-pressure sprayer, roller, or brush.

Note: Burnished Block Sealer 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

Use xylene-based solvent cleaners on tools and equipment. For sprayers, pump the solvent through the spray equipment to remove any residue to prevent clogs in the hose and wand. For skin contact, wash thoroughly with soap and warm water.

Limitations

- Burnished Block Sealer is not recommended for applications on freshly-poured decorative concrete, asphalt, surfaces subject to hydrostatic pressure, or as a waterproofing agent for below-grade surfaces.
- Since it is a solvent-based sealer, keep away from heat and flame. 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 is non-toxic in its cured state.
- Allow Sealer to warm to 50°F (10°C) prior to 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

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:

Approximate Coverage @ 70°F (21°C)	Sq. Ft./Gal.	M ² /L
Burnished block	250–500	6.1–12.3
Horizontal surfaces	250–500	6.1–12.3

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. 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

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



Bluestone Products
A TCC Materials Company
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