



Concrete & Masonry Dissolver

1. PRODUCT NAME

Tenon® Concrete & Masonry Dissolver

2. MANUFACTURER

TCC Materials®

Centre Pointe Blvd.

Mendota Heights, MN 55120 USA

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3. PRODUCT DESCRIPTION

Tenon® Concrete & Masonry Dissolver is an environmentally-friendly liquid alternative to aggressive acid concrete removers. Concrete & Masonry Dissolver can be used to safely remove cured concrete, mortar, grout, and stucco build-up from tools, concrete forms, job mixers, hardware, shoring, and more. This product deconstructs the bond between the Portland cement component. This turns it into a soft paste-like mush that is easily removed from the surface.

Features and Benefits

- Efficiently cleans unwanted concrete from surfaces without scraping, chiseling, or acid-washing
- Ready to use (no mixing or diluting)
- Begins to work immediately upon application
- 100% biodegradable
- Non-toxic to plants and vegetation
- Does not contain any harmful acids
- Non-corrosive and non-fuming

Uses

- Removes unwanted Portland cement-based residue on trowels, mixing paddles, screeds, mixing containers, painted surfaces, siding, wooden decks, trucks, and more
- Pre-treatment to etch existing concrete to open pores and increase bonding prior application of coatings

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

- Tenon Concrete & Masonry Dissolver is formulated of fine quality ingredients.
- It is carefully blended and quality controlled.
- It contains no harmful acids.
- The average working time is 10-30 minutes depending on the thickness of the application

LEED® Eligibility¹

- Low-Emitting Materials (IEQ-c4.2)

Packaging

- 28 oz. (0.83 L) bottle - Product #121006
- 1 gal. (3.78 L) bottle - Product #120911
- 5 gal. (18.9 L) pail - Product #120912
- 55 gal. (208.2 L) drum - Product #121105
- 275 gal. (1041 L) tote—contact a sales representative

Shelf Life

Best when used within 12 months from the date of manufacture when stored in the original, unopened container, away from moisture, under cool, dry conditions, and out of direct sunlight. Store dry at 40°F-95°F (4°C-35°C).

5. INSTALLATION

Preparation

If you are cleaning equipment on concrete, cover the area to protect or wet down with water prior to applying.

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

- No mixing is required.
- Do not dilute, use full strength.

Application

Cleaning Tools and Equipment:

- APPLY ONLY TO DRY SURFACES, water will neutralize and stop the chemical process.
- Spray to completely saturate unwanted hardened concrete on tools and equipment or submerge and soak in a tray. Do not allow the product to evaporate or dry on surface or it will need to be re-applied.
- Product will begin to foam upon contact with dried cement, the cement will turn white on contact, then darken and soften.
- Allow Concrete & Masonry Dissolver to penetrate 10-15 minutes, then reapply to the same area if needed. The thickness of the concrete will determine whether a second application is needed.
- Magnesium tools should not be saturated for more than 30 minutes as darkening may occur.
- Do not rinse until concrete has begun to soften and release from the surface, usually within 20-35 minutes. Once material is softened, a stiff nylon brush and water is helpful to remove product. Rinse with cold water, a garden hose with pressure nozzle, or power-washer.
- For thick build-up, repeat cleaning instructions until build-up has softened. Mechanical means and multiple applications may be necessary for removing very thick areas.

Concrete Etching:

- Do not wet floor first.
- Apply evenly with a wand sprayer.
- Begin by testing a small area first to determine the soak time. Once soak time is determined, continue to apply to the remaining area.
- When the etching time is up, rinse well with clean water. A mop or squeegee can be helpful in removing residue from the surface.
- Allow surface to dry to desired amount for the coating material being used.
- It is recommended a small inconspicuous test area be done prior to applying coating per coating instructions.

Cleaning

Clean surfaces with clean water. For skin contact, wash thoroughly with soap and warm water.

Limitations

- Do not wet surfaces prior to application, apply to dry surfaces only. Any water on the material will neutralize and deactivate the process.
- Although Concrete & Masonry Dissolver is biodegradable, it is recommended to wear protective gloves and eye protection when using.
- Do not dilute with water or solvents.
- Do not allow unused product to freeze.
- Do not allow tools to soak overnight.

Coverage

Coverage will vary depending on the porosity, texture, and application thickness.

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. 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 3

¹ Tenon® products can contribute to LEED® credits within the Material Resource, (Recycled Content & Regional Materials) and Indoor Environmental Quality (Low Emitting Materials).



2025 Centre Pointe Blvd.

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