



1. PRODUCT NAME

Tenon® Concrete & Mortar Dissolver RM

2. MANUFACTURER

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

Phone: 651.688.9116
Fax: 651.688.9164
Internet: tccmaterials.com

3. PRODUCT DESCRIPTION

Tenon® Concrete & Mortar Dissolver RM is an environmentally friendly liquid alternative to aggressive acid-based concrete removers. Concrete & Mortar Dissolver RM is specifically designed for use in the ready-mix industry to clean equipment while the concrete and mortar are still in their plastic state. This product will retard the set time and prevent the cementitious bonds from forming, allowing the material to be easily washed from the equipment and tools.

Features and Benefits

- Saves time and money, 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
- Safe to use on painted surfaces

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 CT).

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 & Mortar Dissolver RM is formulated of fine quality ingredients. It is carefully blended and quality controlled. It contains no harmful acids.

Average Working Time: 10–30 minutes depending upon thickness of application

Packaging

- 5 gal. pail (19 L) – BOM #133010
- 55 gal. drum (208 L) – BOM #130000
- 275 gal. tote (1040 L) – BOM #129960

LEED® Eligibility¹

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

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.

Mixing

- No mixing is required.
- For best performance, 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 trucks, 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 cement, turning white on contact and making it a soft paste.
- Allow Concrete & Mortar Dissolver RM to penetrate 10–15 minutes, then re-apply 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 45 minutes as darkening may occur.
- Do not rinse until concrete has begun to soften and release from the surface, usually within 20 to 30 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.

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.
- Do not clean when air and surface temperatures are below 40°F or in excess of 80°F.
- Applying to hot surfaces may result in scorching.
- Although Concrete & Mortar Dissolver RM is biodegradable and not harmful to skin, 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.

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

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

Not applicable.

9. TECHNICAL SERVICES

Technical Assistance:

Information is available by calling TCC Materials
(hours 7:30 AM to 4:00 PM CT):

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 3



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tccmaterials.com
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