DÉCOR SEAL

Mortar blend for load-bearing, above grade masonry construction

PRODUCT NAME

A TechMix® ProMasonry® Décor Seal

MANUFACTURER

TCC Materials®
2025 Centre Pointe Blvd.
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PRODUCT DESCRIPTION

TechMix® ProMasonry® Décor Seal is a brush or spray applied Portland cement based coating for protecting and decorating concrete and masonry.

Features & Benefits

- Available in 14 colors by replacing 1 quart of water with 1 quart of Tenon Bonding Additive Color Admix. Note: Gallant Gray, Dickenson Gray, & Navajo Brown require gray Décor Seal, other colors require white
- Excellent freeze/thaw stability & abrasion resistance
- Resistant to deicing salts, chloride, & chemical attack, & environmental pollution
- Stops radon infiltration
- Will not cause damage to structure by restricting moisture vapor flow

Uses

- Interior or exterior use
- Above or below-grade
- Vertical concrete & masonry substrates that experience water entry through walls

Available Sizes

- Gray - 50 lb. (22.7 kg) bag **(BOM #115262)**
- White - 50 lb. (22.7 kg) bag **(BOM# 115237)**

TECHNICAL DATA

Typical Values	
Physical state & appearance	Fine, gray or white powder
Base	Portland Cement
pH (wet mix)	>12
Water/cement ratio	0.65
Density (wet mix)	93 lb. / ft.^{3}
Water penetration & leakage (ASTM E514)	100% reduction
Resistance to hydrostatic pressure (CRD-48-73)	80% reduction in leakage on 12 ft. head of water—2 in. concrete block

	7 Days	*14 Days*	*28 Days*
Compressive strengths—psi (ASTM C109)	5,500	6,250	6,500
Tensile strengths—psi (ASTM C307)	460	560	680

Coverage

- 150 ft.^{2} per 50 lbs. at 50 mils.

INSTALLATION

Preparation

- Remove loose & deteriorated material, laitance, dirt, dust, oil, & any surface contaminants that will inhibit proper bond
- Grind or abrasive blast (CSP-3) concrete to achieve an open-poured surface. Refer to ICRI Surface Preparation Guide 03732 for information about Concrete Surface Profile (CSP).
- Stop active leaks with Hydraulic Plug
- Saturate substrate with clean water (saturated surface dry/SSD). Wall should be wet when Décor Seal is applied.

Note: It is the responsibility of the installer/applicator to ensure the suitability of the product for its intended use.

Mixing

1. Mechanically mix using a low-speed drill (400—600 rpm) and mixing paddle or mortar mixer.
2. Pour 6 quarts of potable water into a clean mixing vessel and slowly add all of the powder. Substitute 1 quart of Tenon Bonding Additive Color Admix for 1 quart of water to improve performance and curing.
3. Mix continuously for 3 minutes to a uniform, lump-free slurry-like consistency.
4. Add up to 2 pints of additional water if needed.
5. Allow to "breathe" for 1 minute and remix for 1 minute. This will improve workability and open time.
6. Do not over mix, as this will entrain air.
7. Do not re-temper.

Application

- At the time of application, concrete surfaces should be saturated surface dry (SSD) but hold no standing water.
- Clean and pre-stripe non-structural cracks (up to 1/16 inch) with one 4 inch wide, 50 mils. application of material.
- Dynamic cracks, joints and transitions (wall-to-slab) must be properly detailed with a closed cell backer rod and polyurethane sealant. Refer to SWRI Sealants, The Professional's Guide.
- Apply 4 - 6 inch wide stripe of material over cured sealant. Embed mesh fabric while material is plastic.

- Apply a 50 mils coat over the entire surface with a stiff bristle brush or spray.
- Work the first coat into the substrate using a circular or figure 8 pattern to fill all voids and pores.
- Do not exceed 60 mils. per coat.
- Apply a second coat once the first coat is thumb-print hard.

Curing
Protect from direct sunlight, wind, rain, and frost during curing period.

Clean Up
Clean tools and equipment with water immediately after use. Cured material will need to be removed mechanically.

LIMITATIONS & PRECAUTIONS

Limitations
- Apply a wet color sample for final color approval prior to application
- Product is alkaline
- Do not ingest
- Avoid breathing dust
- Avoid contact with skin & eyes
- Dispose of material in accordance with local, state, or federal regulations

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

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 TechMix ProMasonry brand product(s) under normal environmental and working conditions. Because each project is different, TCC Materials cannot be responsible for the consequences of variations in such conditions, or for unforeseen conditions.

STORAGE & HANDLING

Shelf Life
Best when used within one year in original, unopened bags.

Storage Conditions
Transport & store in cool, clean, dry conditions in unopened containers. High temperature or high humidity will reduce shelf life.

ADMINISTRATIVE INFORMATION

Product Availability & Technical Services
Business hours are 7:30 AM to 4:00 PM CST. To locate TechMix ProMasonry products in your area or contact Technical Services:
Phone: 1.651.688.9116
Email: info@tccmaterials.com

To acquire technical and safety literature, please visit our website at:
Web: tccmaterials.com

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.

TCC MATERIALS

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Data sheets are subject to change without notice. For the latest version, please check the product page at www.tccmaterials.com