

DEX-O-TEX

Product Description Sheet



Advanced Floor
and Waterproof
Systems since
1938

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12/20

Cemceil

Cementitious Waterproof Membrane
Typical Thickness 30-60 Mills

DESCRIPTION

Cemceil Waterproofing Membrane System is a unique cementitious polymer emulsion waterproofing material designed for use as a liquid containment or fracture resistant overlay for protection of spalled cracked or deteriorated concrete surfaces.

WHERE TO USE

Cemceil Waterproofing Membrane can be used in either interior or exterior applications, above or below grade. It is ideal for waterproofing fountains, water features, planters, as a part of deck or balcony coating systems, under tile or slate, stone, or other hard flooring materials.

ADVANTAGES

- NSF-61 Certified for use in potable water
- Protects against de-icing salts, chlorides, sulfates
- Vapor permeable membrane - breathable
- Ideal for interior and exterior stand-alone exposure
- Suitable for application on moist or damp substrates
- Crack isolation membrane – reduces reflective cracking
- Compatible with cementitious thin-set mortars
- Provides positive side waterproofing
- Unlike waterproofing sheet goods, fluid applied membranes can easily be applied over irregular shapes
- Forms monolithic tightly adhering membrane across floors and up bases/curbs
- Environmentally safe
- No organic solvents

FINISH OPTIONS

- Cemceil is not an exposed finished flooring system

| PHYSICALS | METHOD | RESULTS |
|---------------------------|------------------------------------|---------------------|
| VOC in g/L | 40 CFR 60, Appendix A-7, method 24 | 0 g/L |
| Adhesion to Peel Concrete | ASTM C794 | 8.3 lbs. |
| Crack Bridging | ASTM C836, 1/8" opening | No rupture |
| Hydrostatic Resistance | ASTM D751 | Passes |
| Permeability | ASTM E96 | 0.75 perms / inches |

The above physical properties were measured in accordance with the referenced standards. Results may vary based upon statistical variations on mixing methods and equipment, application methods, environment, and actual site conditions and curing conditions. All sample preparation and testing are conducted in a laboratory environment and actual performance on job site may vary from these values based on actual site conditions.

Installed by Factory Trained Dex-O-Tex Applicators Only

CARE AND MAINTENANCE

Only applicable for the final flooring finish selected over the Cemceil.

CHEMICAL RESISTANCE

Only applicable for the final flooring finish selected over the Cemceil.

LIMITATIONS

- As a cementitious product, Aesthetic variations can occur between batches.
- Can exhibit efflorescence.
- Avoid application when rain is anticipated, or immediately after long periods of heavy rain. Allow concrete to dry thoroughly. Perform plastic sheet test to verify, if necessary
- Concrete substrate must be sound and durable and free of large "working" cracks to prevent reflection through finish.
- Moisture vapor emission rates (MVER) in excess of 3 lbs/1000 sq/ft/per 24 hr period per ASTM F1869, or an RH in excess of 78% per ASTM F2170 may result in delamination, discoloration or improper curing without proper treatment prior to installation of the flooring system. Consult with Crossfield Products Corp. for specific recommendations.
- VaporControl primers, sloping, smoothing or leveling compounds, crack repair or isolation, or other supplementary items may be required for proper installation at an additional cost. Consult with Crossfield Products Corp. for specific recommendations.
- Not recommended for application over expansion joints or seismic joints.
- All loose or unsound concrete must be removed and repaired.

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