

flex membrane

decco Flex Membrane is a unique polymer emulsion waterproofing compound designed for use where waterproofing and crack isolation is required. It is recommended for use between bonded or un-bonded topping slabs where slab cracking and movement is a problem. It may be used beneath ceramic tile, marble, quarry tile, below grade, between slab and under composition floors and decks.

decco Flex Membrane is based on a styrene butadiene latex that dries to form a tough, water and vapor resistant film. It is non-toxic, water-based, environmentally friendly and does not contain any solvent. Testing have established that decco Flex Membrane will remain pliable at temperatures as low as -15°F and still maintain its crack bridging properties. This makes it an excellent choice for exterior applications in cold climates.

Product Benefits

- Forms a monolithic, tightly adhering, molded membrane
- Environmentally safe, water based formulation
- Zero VOC-SCAQMD compliant
- Reduces reflective cracking caused by substrate movement
- Mild odor for interior applications
- Thin section does not interfere with building elevations
- Relatively quick drying

Pre-Application

1. Before applying product, test in an inconspicuous area for desired result. For any questions regarding application, contact hey decco.
2. Prepare surfaces by removal of laitance, grease and foreign matter, etc. Repair damaged concrete or provides sloping using a repair mortar or underlayment. Prime with decco flex membrane, cut 50% with water. Allow to dry.
3. Apply decco Flex Membrane to thickness sufficient to produce 25ml d.f.t., 12.5ml dry per coat, two coats (incorporate fabric reinforcement as option for thickness of 30mls).
4. Apply cementitious coating protection course (optional). Conduct water test of finished installation.
5. Optional thickener additive available for vertical applications.
6. Not recommended for application over expansion joints or seismic joints.
7. All loose or unsound concrete must be removed and repaired.

Application

1. Applied by roller, trowel, spray or squeegee, decco Flex Membrane offers water protection together with excellent adhesion and is more resistant to impact than most membranes. It is applied to floors and molded up onto bases, over curbs, etc. without the use of any adhesive other than its own composition.
2. Among the surfaces decco Flex Membrane can cover concrete, tile and metal. For wood surfaces, consult hey decco.

Surface Protection and Maintenance

1. Protect materials from excessive heat and cold and regularly check wet film thickness with mil gauge and monitor consumption to ensure correct application thickness and rate are obtained.
2. For maximum sheen and cleanability, floor should be routinely treated with conventional maintenance finish followed by ordinary buffing.

Coverage Rates

Actual coverage may vary depending on the texture, age and condition of the concrete, the application method and other local conditions.

- 200 square feet per gallon
- 25mls Wet zFilm Thickness (WFT)
- 12.5 mls Dry Film Thickness (DFT)

Note: Fabric coverage adjustment requires 20% more decco Flex Membrane.

Package Sizes

decco Flex membrane is available in 1 and 5 gallon pails.

Technical Data

Please refer to the corresponding SDS for hazard-related information.

Waterproofness No passage of water resistance when subjected to 27.7" head of Water (hydrostatic pressure of 1lb/ft) for one month.

Elongation ASTM D638 580%

Tensile Strength ASTM D638 345 psi

Bacteria & Fungus Resistance ASTM G21 Passes Rating 2

Adhesion in Peel to Concrete 8.3lbs/in width

Moisture Vapor Transmission ASTM E96 2.04g (grams/sq. meter/24hrs)

Crack-Bridging ASTM E836 1/8" opening @ 77°F Pass (no rupture)

Hydrostatic Resistance ASTM D751 - Procedure B Passes

Permeability ASTM E96 0.013 perm/inches

VOC 6 g/L

Cold Temperature Flexibility May be folded double, maintains stretch-ability when immediately removed from freezer

Product Handling

For complete instructions on handling use, consult the corresponding Material Safety Data Sheet before using product

Warranty: decco Flex Membrane, a proprietary product, is warranted to be of uniform quality within manufacturing tolerances. Since control is not exercised over its use, no warranty, expressed or implied, is made as to the effects of such use. Seller's and manufacturer's obligation under this warranty shall be limited to refunding the purchase price of that portion of the material proven to be defective. The user assumes all other risks and liabilities resulting from use of this product. If you have any questions, please contact Bluetrade Building Materials, Inc.



decco Europe

Poligono Industrial "El Pla"
Nave 19 Valencia, ES 46290

decco USA

243 Grandview Avenue
Staten Island, NY 10303

decco Latam

8411 NW 74th Street,
Medley, FL 33166

www.heydecco.com
Follow us! @heydecco