

Product Description Sheet

1. PRODUCT DESCRIPTION

A. COMPOSITION

Dex-O-Tex CPC is a synthetic rubber emulsion waterproofing designed for use beneath ceramic tile, marble, quarry tile and Dex-O-Tex composition floors and decks.

Applied by roller, trowel, spray or squeegee Dex-O-Tex CPC Membrane offers water protection together with excellent adhesion. It is applied to floors and molded up onto bases, over curbs, etc. without the use of any adhesive other than its own composition. Among the surfaces CPC Membrane can cover are concrete, tile and metal. For wood surfaces consult Crossfield Products Corp.

Dex-O-Tex CPC Membrane is a water-based membrane virtually free of Volatile Organic Chemicals (VOC). CPC Membrane contains two percent by weight of recycled rubber granules derived from tires and LEED point eligible. Consult Crossfield Products Corp. for details. It has no toxic color and can be applied with or without fabric re-enforcement. A cementitious coating (fabric reinforced) for protection of CPC Membrane prior to application of tiles, etc. is available.

Dex-O-Tex CPC Membrane is applied at two lifts of 40 mils WFT (wet film thickness (un-reinforced), 56 mils (polypropylene fabric reinforced) and approximately 125 mils when covered with fabric reinforced Resistite Protective Coating.

Laboratory tests have established that Dex-O-Tex CPC Membrane will bridge concrete cracks up to 1/8" (3.2 mm) at temperatures as low as -15°F (-26°C). However, prudent design would assume that the product can be expected to bridge a crack of up to 1/16" (1.6 mm).

B. TYPICAL USES

As a waterproof membrane directly under Seamless composition floors (Dex-O-Tex or other), ceramic tile, quarry tile, marble, etc. For application as mechanical equipment room waterproofing or computer access floor waterproofing consult separate Crossfield Products Corp specifications for those uses.

C. ADVANTAGES - LIMITATIONS

ADVANTAGES

1. Forms a monolithic, tightly adhering, molded membrane across floors and up bases, curbs, etc.
2. Environmentally safe, VOC compliant.
3. Reduces reflective cracking caused by substrate movement.
4. Thin section does not interfere with building elevations. Unlike sheet goods, fluid applied membrane can easily be applied to irregular shapes.
5. Contains recycled rubber content, LEED point eligible.

LIMITATIONS

1. Not recommended for application over expansion joints or seismic joints.
2. All loose or unsound concrete must be removed and repaired.
3. Moisture vapor emission rates (MVER) in excess of 3.0 lbs./1000 sq. ft./per 24 hour 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.
4. Vapor control primers, sloping, smoothing or leveling compounds, crack repair or isolation, waterproof membranes or other supplementary items may be required for proper installation at an additional cost. Consult with Crossfield Products Corp. for specific recommendations.

2. TYPICAL PHYSICAL PROPERTIES at 75°F (24°C)

- A. **Waterproofness**No Passage of Water (Resistance to passage when subjected to 27.7 inch head of water (hydrostatic pressure of 1 lb./ft.) for one month.)
- B. **Tensile Elongation** ASTM D638.....305%
- C. **Tensile Strength** ASTM D638.....375 psi
- D. **MVTR** Steady State in g/hr/m2..... 0.062
- E. **T-Bar Adhesion**30 psi (bonded to cement backer board 7 day dry)

3. OVERVIEW OF INSTALLATION STEPS

- A. **Surface Preparation:** Remove existing floor coverings and any unsound materials from the existing concrete surfaces, shotblast thoroughly in order to totally remove foreign substances such as wax, grease, oil, dirt, or any other contaminants.
- B. **Apply:** Apply CPC Membrane to achieve a dry film thickness of 25 mils DFT.
- C. **Fabric Reinforcement:** Incorporate fabric reinforcement as an option.
- D. **Apply Optional:** Apply cementitious coating protection course.
- E. **Water Test:** Conduct water test of finished installation.

4. PRODUCT AVAILABILITY

Crossfield Products Corp. maintains offices and/or factories at all addresses listed below. Factory Trained Contractors are established in all major trading areas in the United States, Canada and various European, Latin American and Far East nations.

Product Description Sheet

CPC Waterproof Membrane

5. SPECIFICATION ASSISTANCE

Consult Crossfield Products Corp. for specification assistance, detailing, etc. This consultation is highly recommended prior to specification.

6. TESTING

The technical data contained herein is the result of tests made in Crossfield's laboratories or in independent laboratories using small scale equipment, following generally accepted trade practices. Although this information is believed to be true and accurate, the use of different equipment for testing under dissimilar conditions or the testing of samples produced under dissimilar conditions may develop substantially different results.

LIMITED WARRANTY

NO WARRANTY SHALL BE EFFECTIVE UNTIL THE TERMS AND CONDITIONS OF SALE SET FORTH IN CROSSFIELD PRODUCTS CORP. INVOICE ARE MET.

Crossfield Products Corp. warrants to the purchaser of its products that such products are free from manufacturing defect. Crossfield does not warrant or guarantee the workmanship performed by any person or firm installing its products. Crossfield's obligation under this warranty is limited solely to the original purchaser and solely to the remedy of replacement in kind of any product which Crossfield sold which may prove defective in manufacture within one year from date of installation, provided said product was stored correctly and installed within the product's shelf life, by the original purchaser and which Crossfield examination shall disclose to Crossfield's satisfaction to be thus defective.

IN NO EVENT SHALL CROSSFIELD PRODUCTS CORP. BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES. THIS WARRANTY IS EXPRESSLY GIVEN IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR USE AND ALL OTHER OBLIGATIONS OR LIABILITIES ON CROSSFIELD'S PART, AND WE NEITHER ASSUME NOR AUTHORIZE ANY PERSON OR PERSONS TO ASSUME FOR US ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF A CROSSFIELD PRODUCT. THIS WARRANTY SHALL NOT APPLY TO ANY OF CROSSFIELD'S PRODUCTS, WHICH HAVE BEEN SUBJECT TO ADULTERATION, ALTERATION, ABUSE OR MISUSE. CROSSFIELD PRODUCTS CORP. MAKES NO WARRANTY WHATSOEVER IN RESPECT TO ACCESSORIES, PARTS OR MATERIALS NOT SUPPLIED BY CROSSFIELD PRODUCTS CORP., WHICH ARE USED IN CONNECTION WITH ITS PRODUCTS. THE TERM "ORIGINAL PURCHASER" IN THIS WARRANTY MEANS THAT PERSON, CORPORATION OR ENTITY TO WHOM CROSSFIELD PRODUCTS CORP. SOLD ITS PRODUCT OR PRODUCTS. ANY ACTION TO ENFORCE ANY WARRANTY OR FOR BREACH OF CONTRACT OR ARISING OUT OF ANY CLAIM AGAINST CROSSFIELD PRODUCTS CORP. SHALL BE COMMENCED AND MAINTAINED ONLY IN A COURT OF COMPETENT JURISDICTION IN THE CONTINENTAL UNITED STATES OF AMERICA. THE PURCHASER ACCEPTS THESE TERMS AND CONDITIONS, AND HEREBY EXPRESSLY WAIVES ANY CLAIM TO ADDITIONAL DAMAGES.

CAUTION: ALWAYS KEEP OUT OF THE REACH OF CHILDREN.



DEX-O-TEX PRODUCT LINE Crossfield Products Corp.

West Coast Office	East Coast Office
3000 E. Harcourt Street	140 Valley Road
Rancho Dominguez, CA	Roselle Park, NJ
90221	07204
310-886-9100	908-245-2800
310-886-9119 fax	908-245-0659 fax



www.dexotex.com