

Product Description Sheet

Water-Based Primer

1. PRODUCT DESCRIPTION

A. COMPOSITION

Dex-O-Tex Poly-Prime is a proprietary water-based hybrid acrylic primer. This unique thermosetting acrylic primer provides superior adhesion and chemical resistance, vaporized salts, chlorides and limited aggressive caustics and acids. It's Scientifically Superior™ chemistry provides superior improved adhesion to Dex-O-Tex cementitious copolymer systems, concrete, cement mortars, tile and other substrates. Poly-Prime is a breathable primer that can be used on interior and exterior surfaces. It is formulated to resist disbonding, blushing, whitening or blistering induced by moisture vapor transmission.

Poly-Prime conforms to all requirements of: U.S. General Services Administration Specification A-A-50542, and The South Coast Air Quality Management District (SCAQMD) Rule 1113, affected July 1, 2006, further restricts the allowable volatile organic content (VOC) of coatings and primers in the following California Counties: Los Angeles, Orange, Riverside and San Bernardino only.

B. TYPICAL USES

Poly-Prime is a single component acrylic primer used over smooth surfaces to promote adhesion to wood, steel, tile, diamond ground concrete surfaces, or intercoat adhesion of polymeric coatings and sealers or as a primer for resealing or top coats.

Poly-Prime is recommended for use over Dex-O-Tex cementitious copolymer systems, as well as concrete or masonry surfaces. It is included as a primer for Dex-O-Tex Decorative Overlayments and cementitious decking and roofing products, including Weatherwear and Resistite Systems. It is formulated to provide a quick curing, easy to use primer. Poly-Prime is also used as a primer for concrete, cement terrazzo, polyacrylate terrazzo, flagstone, sandstone or masonry surface primer.

C. ADVANTAGES AND LIMITATIONS

ADVANTAGES:

1. Acrylic self-crosslinking technology.
2. Chemical resistance.
3. Excellent adhesion.
4. Low temperature film formation.
5. Meets SCAQMD and Federal VOC (volatile organic content) requirements.
6. LEED (Leadership in Energy and Environmental Design) Credit Points may be available under 5 different Classifications.
7. Does not contain chemicals targeted by Green Seal Standard GS-11 and LEED-CS as unacceptable.
8. Installed only by Professional Factory-Trained Dex-O-Tex Contractors.

LIMITATIONS:

1. Must be applied to clean, dry and properly prepared substrate.
2. Exterior exposure life is less than interior exposure life.

3. Avoid high temperature flash set conditions, very porous or shotblast substrates, damp or wet conditions.
4. Do not puddle or spray apply in high wind, or near the dew point.
5. Use short nap rollers when applying Poly-Prime .

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

- A. Adhesion ASTM D4541400 psi (100% failure in concrete)..... (28.1 kg/cm)
- B. Water Absorption MIL-D-3134 < 1.0%
- C. Skid Resistance. ADA..... Passes Varies depending upon surface texture selected.
- D. Abrasion Resistance ASTM D4060..... 30 mg/loss 1000g/1000 cycles, CS-17 Wheel
- E. Microbial Resistance ASTM G21 Passes Rating 1
- F. FDA Complies for use Under Dry Conditions

3. INSTALLATION

1. Prepare surface by careful and thorough removal of all laitance, grease, concrete curing agents and foreign matter.
2. Premix to disperse the polymer throughout the emulsion.
3. Apply one coats at a spread rate of 350 to 500 sq ft per gallon (3 to 4.5 mils WFT).
4. Do not puddle or apply to thick.
5. Allow to Poly-Prime to take an initial cure (turn clear) before applying subsequent application.

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, Middle Eastern and Far Eastern nations.

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.



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