

1. PRODUCT DESCRIPTION

A. COMPOSITION

Dex-O-Tex VL Primer is a two component, water-based epoxy primer designed as an adhesion promoter and vapor retarder. VL Primer function as a penetrating/breathing membrane, which ties physically into concrete by penetrating up to 300 microns.

B. TYPICAL USES

Dex-O-Tex VL Primer is used to seal new or existing concrete, wood or steel surfaces prior to the application of polymeric flooring, polymeric decking or conventional flooring products.

C. ADVANTAGES AND LIMITATIONS

ADVANTAGES

- Excellent adhesion and flexibility
- Reduces negative effect of Moisture
- Vapor Transmission in concrete.
- VOC compliant
- Low Odor
- Tools can be cleaned with water

LIMITATIONS

1. Moisture vapor emission rates (MVER) in excess of 4.5 lbs./1000 sq./ft./per 24 hr. period per ASTM F1869, or an rh in excess of 80% 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.
2. 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. PHYSICAL CHARACTERISTICS AND TECHNICAL DATA

% Non-volatiles (by weight)	39.1
Mixing Ratio A to B (by volume)	
2:1 Weight % Solids	39.1
Density	8.7
Vehicle Solids.....	39.1
Pot Life.....	4.0 hours
Adhesion to Concrete	>500 p.s.i.
Recoat Window for Water Based Topcoat	0 to 24 hours
Recoat Window for 100% solids Topcoat	4 to 24 hours
Recoat Window for Solvent Based Topcoat	24 hrs. minimum
Gloss.....	100
Pencil Hardness	6H
Direct Impact.....	25 in-lbs.
Reverse Impact	25 in-lbs.
Taber Abrasion.....	170 mg loss
Chemical Resistance.....	Call for separate chart

3. APPLICATION

- A. Shotblast and clean all concrete surfaces removing grease and loose debris.
- B. Dampen surface of concrete, remove puddles, but leave concrete damp for VL Primer application.
- C. Mix A and B components of VL Primer together.
- D. Apply VL Primer in a thin film with a short nap roller (1/4"). Do not build film of the primer, but roll out so that it soaks into the surface. Two coats of primer may be necessary for porous surfaces to insure uniform coverage.
- E. When primer turns from cloudy to clear, it is possible to apply a water based topcoat.
- F. If applying a 100% solids epoxy topcoat, allow VL Primer to cure for four hours minimum before applying topcoat. Do not exceed 36 hours on the re-coating of the VL Primer. If 36 hours is exceeded, an additional application of VL Primer is required. 6 to 24 hours is the optimum re-coat time.
- G. If using a solvent based topcoat, VL Primer must cure 24 hours before topcoating. Do not exceed 48 hours prior to re-coating. Optimum is 24 to 36 hours.
- H. Depending on the porosity of the concrete, the coverage rate of VL Primer is between 500 and 600 square feet per gallon for one coat.

4. CAUTIONS

Carefully read and follow instructions on MSDS.

5. 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.

6. SKID RESISTANCE and CLEANABILITY

In general the more aggressive the finished surface the greater the coefficient of friction and corresponding skid resistance, the more difficult to clean. The smoother the finished texture the easier the surface is to clean, but there is a loss of skid resistant properties.

7. CLEANING

Cleaning and disinfecting compounds and cleaning techniques can affect the color, gloss, texture and performance of the system. As a precautionary step, Crossfield recommends that the end-user test their cleaning and disinfecting compounds on a sample or on a small, out of the way finished area, utilizing the intended cleaning technique prior to cleaning the entire surface area. If no deleterious effects are observed, the procedure can be continued. If the cleaning and disinfecting compounds or cleaning techniques damage the system, modification of the cleaning material or techniques will be required. Contact your Representative for additional information.

8. SPECIFICATION ASSISTANCE

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

9. 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.

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CAUTION: ALWAYS KEEP OUT OF THE REACH OF CHILDREN.



DEX-O-TEX PRODUCT LINE Crossfield Products Corp.

West Coast Office
3000 E. Harcourt Street
Rancho Dominguez, CA
90221
310-886-9100
310-886-9119 fax

East Coast Office
140 Valley Road
Roselle Park, NJ
07204
908-245-2800
908-245-0659 fax

www.dexotex.com