

Product Description Sheet

Available in Gloss, Satin and Matte

1. PRODUCT DESCRIPTION

A. COMPOSITION

Dex-O-Tex Weatherseal XL is a proprietary water-based hybrid acrylic waterproofing sealer. This unique thermosetting acrylic sealer provides superior chemical and abrasion resistance, including exposure to automotive fluids, waterborne salts, pool chlorine and limited aggressive caustics and acids. In addition, its Scientifically Superior™ chemistry provides superior improved adhesion to Dex-O-Tex cementitious copolymer systems, concrete, cement mortars, tile and other substrates. Weatherseal XL is a breathable sealer that can be use on interior and exterior surfaces. It is formulated to resist disbonding, blushing, whitening or blistering induced by moisture vapor transmission and ultra violet light exposure.

Weatherseal XL conforms to all requirements of: U.S. General Services Administration Specification A-A-50542 (Coating System: Reflective, Slip Resistant, Chemical-Resistant Urethane for Maintenance Facility Floors) 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 sealers in the following California Counties: Los Angeles, Orange, Riverside and San Bernardino only.

B. TYPICAL USES

Weatherseal XL is a stain and mar resistant sealer. It is recommended for use when resistance to automotive chemicals and tire staining is desired, since it minimizes the intrusion of staining agents into the substrate below it. It relative easy to clean using conventional methods.

Weatherseal XL is recommended for use over Dex-O-Tex cementitious copolymer systems, as well as concrete or masonry surfaces. It is included as a sealer for Dex-O-Tex Decorative Overlayments and cementitious decking and roofing products, including Weatherwear and Resistite Systems. It is formulated to provide a tough, durable high gloss, satin or matte finish. Weatherseal XL is also used as a sealer for concrete, cement terrazzo, polyacrylate terrazzo, flagstone, sandstone or masonry surface sealer. Weatherseal XL is recommended for use on driveways, patios, pool decks, garage floors, loading docks, balconies, decks, etc.

C. ADVANTAGES AND LIMITATIONS

ADVANTAGES

1. Available in Gloss, Satin and Matte
2. Long wearing, durable, excellent weathering characteristics.
3. Abrasion and chemical resistance.
4. Good hot tire mar resistance.
5. Excellent adhesion.
6. Low temperature film formation
7. Cleanable, easy to maintain.
8. Meets SCAQMD and Federal VOC (volatile organic content) requirements.
9. ADA Compliant, for in-situ validate ADA Compliance use a Variable Incident Tribometer Machine
10. Skid-Resistant – Available in an array of skid-resistant surface textures.

11. LEED (Leadership in Energy and Environmental Design) Credit Points may be available under 5 different Classifications.
12. Does not contain chemicals targeted by Green Seal Standard GS-11 and LEED-CS as unacceptable.
13. 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 substrates, damp or wet conditions.
4. Do not puddle or spray, apply in high wind, or near the dew point.
5. Use heavy nap rollers when applying Weatherseal XL Matte.
6. Moisture vapor emission rates (MVER) in excess of 3.0 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.
7. 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. Adhesion ASTM D4541 | 400 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. Reflective Index, Geometry 60 ASTM D523 | | |
| Gloss Finish | 95+ | |
| Satin Finish | 40-50 | |
| Matte Finish | 10-20 | |
| E. Abrasion Resistance ASTM D4060 | 30 mg/loss
1000g/1000 cycles, CS-17 Wheel | |
| F. Microbial Resistance ASTM G21 | Passes Rating 1 | |
| G. 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. Apply two coats at a spread rate of 250 to 300 sq ft per gallon (5.3 to 6.4 mils WFT)
 - Gloss - 2 coats Weatherseal XL Gloss
 - Satin - 1st coat Weatherseal XL Gloss and 2nd coat Weatherseal XL Matte
 - Matte Finish - 2 coats Weatherseal XL Matte

Weatherseal XL Water-Based Acrylic Waterproofing Sealer

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- Optional enhanced Skid Resistance – If the substrates reflective skid resistance is insufficient, add Dex-O-Tex Synthetic Aggregate a fine powder, at 2 fl oz per gallon prior to placement. Thoroughly, per mix Synthetic Aggregate using a Jiffy® impeller type mixer.
- With any thin film sealer, high traffic areas will require maintenance re-sealing from time to time.

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. SLIP RESISTANCE and CLEANABILITY

In general, the more aggressive the finished surface the greater the coefficient of friction and corresponding slip 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.

6. 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.

7. MAINTENANCE

For maximum sheen and cleanability, floor should be routinely treated with conventional maintenance finish followed by ordinary buffing.

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.

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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