

DEX-O-TEX

Product Description Sheet



Advanced Floor
and Waterproof
Systems since
1938

www.dexotex.com

**Crossfield
Products Corp.**

California
3000 E. Harcourt St.
Rancho Dominguez,
90221
(310) 886-9100

Texas
128 Industrial Dr.
Cibolo, 78108
(210)888-0449

New Jersey
140 Valley Rd.
Roselle Park, 07204
(908) 245-2800

Electro-Flor HS SD

ESD (Electro Static Dissipative)
Typical Thickness 37 Mils

DESCRIPTION

Dex-O-Tex Electro-Flor HS SD is a fluid applied, monolithic, high solids epoxy flooring, and is electrically active within resistance range requirements for a “static dissipative” flooring system.

The resistance range for Electro-Flor HS SD is one million (1E⁶) to one billion (1E⁹) ohms, as tested in accordance with ESD Association Standard 7.1.

WHERE TO USE

As “electro-static discharge” protective flooring for clean rooms, server farms, electronics manufacturing and assembly or any ESD sensitive environment.

ADVANTAGES

- Protective ESD flooring system
- Sanitary
- Excellent abrasion resistance
- Chemical resistant
- Monolithic, seamless
- More durable than tile or sheet goods when exposed to forklift traffic

FINISH OPTIONS

Color: 402 Dark Gray and 431 Bright Gray

See Standard Epoxy Color Chart L-334 [click here](#) or available at www.dexotex.com

| PHYSICALS | METHOD | RESULTS |
|------------------------------------|---|---------------------------------------|
| VOC in g/L | | < 100 g/L |
| Electrical Transmission Properties | ESD Static Dissipative (SD) 7.1 | 1E ⁶ -1E ⁹ ohms |
| Impact Resistance | ASTM D2794 | Passes |
| Flexibility | ASTM D522 1/8” mandrel | Passes |
| Adhesion | ASTM D3359 | 5B |
| Abrasion Resistance | ASTM D4060 CS-17 wheels, 1 kg, 1000 cycles | 56 mg |
| Microbial Resistance | ASTM G21 | Passes Rating 1 |

The above physical properties were measured in accordance with the referenced standards. Results may vary based upon statistical variations on mixing methods and equipment, application methods, environment, and actual site conditions and curing conditions. All sample preparation and testing are conducted in a laboratory environment and actual performance on job site may vary from these values based on actual site conditions.

Installed by Factory Trained Dex-O-Tex Applicators Only

CARE AND MAINTENANCE

See care and maintenance form, [click here](#), or available at www.dexotex.com

CHEMICAL RESISTANCE

See chemical resistance chart, [click here](#), or available at www.dexotex.com

LIMITATIONS

- If sub-surface cracks move due to continued thermal flexing or mechanical loads or building settlement, Dex-O-Tex Electro-Flor may reflect those cracks to some degree.
- Moisture vapor emission rates (MVER) in excess of 10 lbs/1000 sq/ft/per 24 hr period per ASTM F1869, or an rh in excess of 84% per ASTM F2170 requires the application of Vapor Control 1P. The actual colors can result in small deviations from the color chart due to the nature of the element that makes this Static Dissipative.

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.

Crossfield Products Corp.

California
3000 E. Harcourt St.
Rancho Dominguez,
90221
(310) 886-9100

Texas
128 Industrial Dr.
Cibolo, 78108
(210)888-0449

New Jersey
140 Valley Rd.
Roselle Park, 07204
(908) 245-2800