

DEX-O-TEX

Product Description Sheet



Advanced Floor
and Waterproof
Systems since
1938

www.dexotex.com

**Crossfield
Products Corp.**

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Electro-Flor HS CD

Conductive
Typical Thickness 42 Mils

DESCRIPTION

Dex-O-Tex Electro-Flor HS CD is a fluid applied, monolithic, high solids epoxy flooring, which is electrically active within resistance range requirements for a “conductive” flooring.

The resistance range for Electro-Flor HS CD is 25 E⁴ to 1 E⁶ ohms per ESD Static Dissipative 7.1.

WHERE TO USE

Typically used as a conductive protective flooring for clean rooms, electronics manufacturing and assembly, munition facilities, or any environment requiring electric conductivity.

ADVANTAGES

- Spark free
- Protective conductive 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	25E4-1E6 ohms
Impact Resistance	ASTM D2794	Passes
Flexibility	ASTM D522 1/8" mandrel	Passes
Adhesion	ASTM D3359	5B
Abrasion Resistance	ASTM D4060 CS-1 wheels, 1 kg, 1000 cycles	116 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 Primer 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.

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