

# DEX-O-TEX

## Product Description Sheet



Advanced Floor  
and Waterproof  
Systems since  
1938

[www.dexotex.com](http://www.dexotex.com)

### Crossfield Products Corp.

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140 Valley Rd.  
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## 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 (1E<sup>6</sup>) to one billion (1E<sup>9</sup>) 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](http://www.dexotex.com)

PHYSICALS	METHOD	RESULTS
VOC in g/L		< 100 g/L
Electrical Transmission Properties	ESD Static Dissipative (SD) 7.1	1E <sup>6</sup> -1E <sup>9</sup> 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](http://www.dexotex.com)

## CHEMICAL RESISTANCE

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

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