



# EnviroShield - Product Data Sheet

## ANTI-FUNGAL WATER-BASED COATING

### Description

EnviroShield is a moisture-tolerant, water-based epoxy which does not support the growth of mold or mildew.

EnviroShield may be installed as a stand-alone topcoat, intermediate coat, or when installed on floors, can be covered with most common floor finish materials. EnviroShield provides a breathable system for successful coating of elevated WVT conditions where mold or mildew growth is a concern.

EnviroShield has both very good chemical and abrasion resistance. Independent test results indicate this coating does not support the growth of mold or mildew.

### Benefits

- Does not support Mold/Mildew Growth
- Moisture/WVT Tolerant
- Low Odor/Water-based Epoxy
- Colors Available

### Applications

- Commercial/Retail Facilities
- Industrial/Manufacturing Facilities
- Damp or Elevated WVT Areas
- Odor Sensitive Areas Chemical Resistance
- Government/Public Housing

Technical Data	
Compressive Strength (ASTM C-579)	5,000 psi
Tensile Strength (ASTM C-307)	2,350 psi
Flexural Strength (ASTM C-580)	3,300 psi
Abrasion Resistance (ASTM D-4060)	75-85 mg loss
% Solids by Volume (mixed)	72%
Shore Hardness (ASTM D-2240)	75-85
Bond Strength (ASTM D-4541)	
▪ Concrete 3K psi	350 psi <sup>1</sup>
▪ Vinyl Composite Tile (VCT)	200 psi <sup>1</sup>
▪ Ceramic Tile	600 psi
Cure Time @ 78o F and > 50% humidity	
▪ recoat	4-6 hours
▪ light traffic	24 hours
▪ full cure	96 hours
WVT Level <sup>3</sup>	> 8 lbs
Coverage Rate <sup>2</sup>	300-500 sqft/gal
Pot Life	4-6 hours
VOC Content	> 0.1 lbs/gal
Installation Temperature	Above 55° F

<sup>1</sup> substrate failure occurred

<sup>2</sup> coverage will vary with porosity of substrate

<sup>3</sup> contact technical department for special WVT instructions

### Chemical Resistance

	Splash	1 day	7 day
Skydrol	E	VG	G
Gasoline	E	E	VG
Motor Oil	E	E	VG
MEK	G	P	NR
Solvents	E	G	G
Alkalis	E	G	NR

E=Excellent, VG=Very Good, G=Good, P=Poor, NR= not recommended

Available in 4 Kit Sizes, Custom Colors  
and 3 Finishes: Gloss, Satin and Matte

	Resin	Catalyst	Finish Coat	Water for Primer
<b>8 gallon kit</b>	<b>4 Gallons</b>	<b>1 Gallon</b>	<b>3 Gallons</b>	<b>or 4 Gallons</b>
<b>2 gallon kit</b>	<b>1 Gallon</b>	<b>1 Quart</b>	<b>3 Quarts</b>	<b>or 1 Gallon</b>
<b>1 gallon kit</b>	<b>2 Quarts</b>	<b>1 Pint</b>	<b>3 Pints</b>	<b>or 2 Quarts</b>
<b>1/2 gallon kit</b>	<b>1 Quart</b>	<b>1/2 Pint</b>	<b>1.5 Pints</b>	<b>or 1 Quart</b>

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