FOR PROFESSIONAL USE ONLY
This product is intended for use by professional installers. For best project results read all the applicable product information including SDS, Technical Data Sheet and Product Specification Sheet before using this product.

Product Description
MoisturEnd is a new generation solvent-free epoxy system that offers superior vapor transmission control. An independent 3rd party testing lab found MoisturEnd to have a perm rating of <0.1. This perm rating means that MoisturEnd may be suitable for a variety of floor toppings such as vinyl tile, and sheeting, rubber backed carpet, hardwood and solvent free epoxy topcoats.

Product Application
Primer for Wood, Carpet, Rubber, Vinyl Tile, Terrazzo, Brick and Resinous Flooring.

Benefits
Eliminates 28 Day Cure Period
Zero VOC's
Low Odor/Solvent Free
Low Mix Viscosity of 700 cps at 25°C
Adequate Pot Life with Fast Re-Coat Times
<.01 yield Rating (.10 perms)
Can Be Applied to Slabs with 100% RH

Packaging
1 Gallon Pre-Measured Kit
4 Gallon Pre-Measured Kit
Bulk

Mixing Directions
The mix ratio by weight is 2:1 (A:B) and by volume 1.72:1 (A:B). Mix Part B with Part A on low to medium speed. Mixing with high speed will cause excess air to be introduced into the mix. Mix approximately 2 minutes until a homogenous mix is obtained. Due to its limited pot life (25 minutes at 73°F), the material should immediately be spread onto the floor.

Colors
Can Be Lightly Pigmented

Safety
Please read SDS before using this product.

Surface Preparation
MoisturEnd must be mechanically prepared by shotblasting to an ICRI Concrete Surface Profile of CSP 3. Do not acid etch. Grinding can be done in areas not accessible to shotblasting. Area must be free of all dust, dirt and debris prior to applying MoisturEnd. Do not use sweeping compounds as they contain oil which will cause bonding issues.

Application Instructions
MoisturEnd can be applied to damp concrete with no standing water on the surface. Apply in one coat to the appropriate coverage rate using a notched squeegee and immediately backroll with a 3/8" nap roller. The surface to be coated must be free of dust, dirt, grease, and laitance, etc. Coverage rates will depend on application technique, porosity of the substrate and required perms. Cure time will depend on the temperature, for example, room temperature will have a re-coat time of approximately 12 hours, where cooler temperatures may be up to 24 hours. If MoisturEnd is allowed to enter voids in the concrete, the air will be displaced out of the voids causing outgassing. If outgassing occurs a second application is recommend or consult the factory.

Cure Times at 73°F

Pot Life	25 - 30 Minutes
Re-Coat	12 Hours
Forklift Traffic	48 Hours
Full Chemical Resistance	7 Days

Clean Up
MoisturEnd while still wet can be cleaned up with warm soapy water.

Storage/Shelf Life
Materials should be stored at 50°F - 90°F and out of direct sunlight. Shelf life is one year in unopened containers.

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DID: 2015-MoisturEnd.5

Density (lbs./gallon) for Clear
Part A: 9.75
Part B: 8.67
A & B Mixed: 9.21
Mix Ratio by Weight (A:B): 2:1

Weight Per Mixed Gallon: 9.47 pounds
Maximum Relative Humidity of the Room – 85%

Color:
Part A – Clear
Part B – Amber
Mixed – Clear

Viscosity:
Part A – 500 to 800 cps
Part B – 800 to 1200 cps
Mixed - 700 cps

Set Times (Slab Temp)	50°F	73°F	90°F
Pot Life	45 Minutes	25 - 30 minutes	20 minutes
Re-Coat Time	16 Hours	12 Hours	8 Hours
Forklift Traffic	72 Hours	48 Hours	24 Hours
Full Chemical Resistance	9 Days	7 Days	5 Days

Test Results
ASTM E96-10 – Sample Water Vapor Transmission of Materials
7 Days Perm Rating <0.1 (at 22 mils DFT) @ 75 SF per Gallon
28 Days Perm Rating <0.1 (at 17 mils DFT) @ 100 SF per Gallon

ASTM D-7234-05 Standard Test Method for Pull-Off Adhesion Strength of Coatings on Concrete

Concrete Cure Time	Tensile Bond Strength	Failure Mode
7 Days	>480 psi	No Failure
28 days	>480 psi	No Failure

Coverage Rates as per ASTM F-1869 (Caci)

Residential and Commercial
Up to 10 Pounds – 250 SF (6.4 mils)
11 to 14 Pounds – 150 SF (11 mils)
15 to 25 Pounds – 100 SF (16 mils)
Green Concrete – 75 SF (22 mils)

Heavy Industrial
Up to 10 Pounds – 150 SF (11 mils)
11 to 14 Pounds – 125 SF (13 mils)
15 to 25 Pounds – 100 SF (16 mils)
Green Concrete – 75 SF (22 mils)

Limitations/Precautions
Do not apply to surfaces with visible moisture.
Do not apply when relative humidity of the room is over 85%.
Minimum concrete curing temperature is 40°F and max is 90°F.

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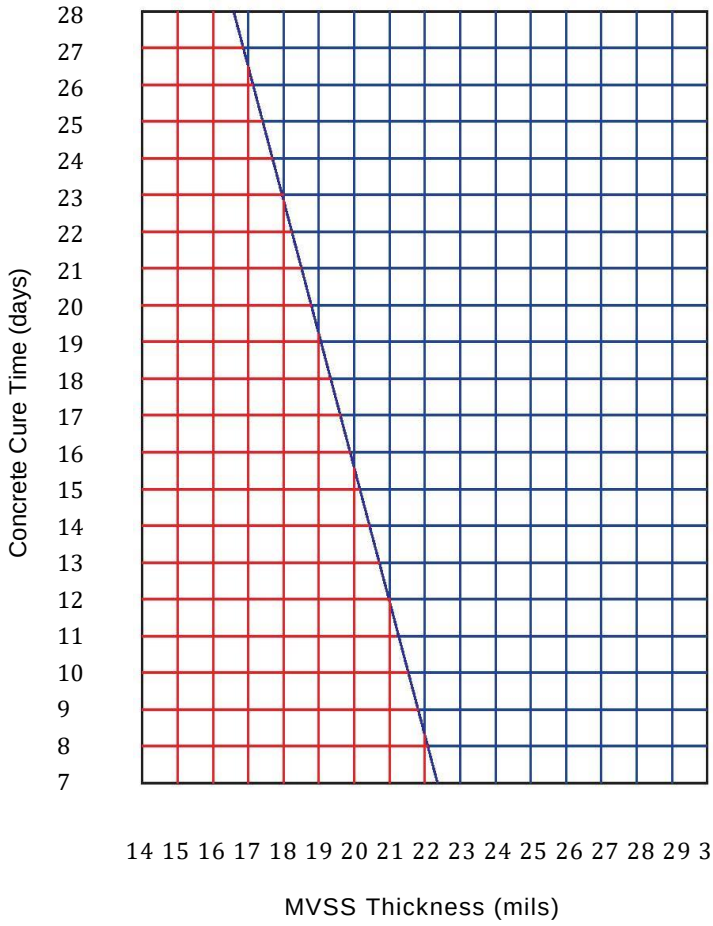
Moisture Vapor Transmission Rates

Moisture vapor as a function of concrete cure time and MVSS thickness (tested over 100% relative humidity concrete test panels)



The **blue** region indicates Class I Vapor Diffusion Retarder Capability as predicted by the test model. Minimum coating film thickness for obtaining the Class I rating depends on the specific field application conditions.

Perms: 0.0 – 0.1 0.1 – 0.2

Warranty

Corvixx Polymers Corporation warrants our products to be free of manufacturing defects. Liability for products proven defective is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Corvixx Polymers Corporation. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY CORVIXX POLYMERS CORPORATION, EXPRESSED OR IMPLIED.

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