



EZ-100 MVB

PARTS A & B

HIGH SOLIDS MOISTURE VAPOR BARRIER



EZ- 100 MVB IS A HIGH SOLIDS MOISTURE VAPOR BARRIER TO BE USED TO REDUCE WATER VAPOR TRANSMISSION. WHEN MOISTURE IS A PROBLEM, EZ100 MVB ALLOWS FOR BETTER ADHESION TO THE SURFACE OF THE CONCRETE.

PRODUCT HIGHLIGHTS

- Excellent primer coat for urethanes & epoxies
- Great adhesion to concrete where moisture vapor transmission is an issue
- Outstanding performance compared to other coatings
- Zero VOC in North America
- Ratio: 2:1 (2 Part A to 1 Part B)
- Available in 1 and 3 gallon kits
- Bis. F base for better cross linking

USES

- Warehouses
- Garage Floors
- Auto service Centers
- Basements
- Laboratories
- Any concrete surface where moisture vapor transmission is a problem

QUICK LOOK

Type:

Ratio: 2:1

Toxicity: Harmful if swallowed
VOC's: 0

Flammability: Non-Flammable

Composition:

Color: light yellow

Odor:

Coverage: 100 sq. ft / gallon (or less). Coverage varies due to surface, application methods and thickness but must not go over 100 sq. ft./gal. Needs to be applied at temperatures between 50°-90°F.

*Coverage rates may vary depending on porosity, texture, and application method.

FOR MORE INFORMATION,
PLEASE SEE SDS.



Manufactured In The USA By



*Product warranty for one year from date of manufacture

For more information on EZChem USA and all products manufactured by EZChem please visit our website: www.ezchemusa.com



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HOW TO USE:

SURFACE PREP: For a proper bond, the surface of concrete must be grinded with low grit metals. If sanding must wear dust mask followed by a vacuuming up dust and solvent wipe.

MIXING: Transfer Epoxy resin into larger mixing container. If adding Metallic pigments, add pigments in to Part A of the epoxy and mix for 3 mins. Let sit several hours to saturate and then remix. Add Epoxy Hardener mix for 3 minutes continually sweeping sides and bottom of container. Mixing Ratio: 2 Part A to 1 Part B.

APPLICATION: Pour mixed material on the floor in 12 inch ribbons. Squeegee at spread rate 100 sq. ft. per gallon or 16mils. While wearing spiked shoes back roll with lint-free 3/16" epoxy roller. Add second color or spritz alcohol for moon-rock effects. **Must be applied at no more than 100 sq. ft per gallon.**

OTHER APPLICATIONS: Vinyl flakes or ceramic quartz can be broadcasted into the wet film. After cure swept off excess flakes. Then seal with epoxy or urethane finish coats.

EXTERIOR APPLICATIONS: Unless installed as a primer Not recommended as epoxies will amber.

DRY-TIME & RECOAT: Tack free/foot traffic: 24 hours Heavy/vehicular traffic: 96 hours Full cure: 8 days. Lightly sand the surface and wipe down with denatured alcohol or acetone before applying additional coats or finish coats. **HANDLING, STORAGE,**

DISPOSAL & CLEAN-UP: May irritate eyes wear gloves as activator is a mild corrosive. Store in clean dry area. Do not freeze.

Dispose in accordance with all state local and federal laws. Clean-up tools and equipment with xylene. **LIMITATIONS:** Do not apply to damp surfaces. Concrete must be ground. Do not add solvent. Do not broadcast as it will effect performance.

POT LIFE:

Mixing 1 full kit, you can expect a pot life of 20 minutes. minutes. Please note that once the epoxy is thoroughly mixed it should be poured out onto the surface being sealed. At that point your surface time is at least 45 minutes, depending on conditions.

PRECAUTIONARY STATEMENT:

PART A: Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid release to the environment Wear protective gloves / eye protection / face protection

PART B: Do not breathe dust/fume/gas/mist/vapours/spray. Wash with plenty of water. Do no eat, drink or smoke when using this product. Use only outdoors or in a well ventilated area. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.

FIRST AID:

EYES: Flush thoroughly with water, lifting both eyelids. Get Medical Help.

SKIN: Wash with soap and water. Remove and launder contaminated clothing before reuse. If irritation develops, Get Medical Help.

INGESTION: Do not induce vomiting. Get Immediate Medical Help.

INHALATION: Remove to fresh air immediately. If breathing difficulty continues, administer oxygen and Get Medical Help.

IN CASE OF FIRE:

This product is not flammable.

FOR PROFESSIONAL USE ONLY

FOR EMERGENCY HELP

24 Hours a Day contact:

INFOTRAC at 1-800-535-5053

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TECHNICAL

MATERIAL PROPERTIES AT 75°F:

Mixed VOC Content:	0 g/L
Mix Ratio (by volume):	2:1
Tack Free Time:	6-8 hours
Recoat Time (min/max):	12hrs. / 24hrs.
Light Foot Traffic:	12 hours
Vehicular Traffic (hours):	72 hours
ASTM D-635 - Flammability:	Self-Extinguishing
ASTM D-638 - Tensile Strength psi:	5500 psi
ASTM D-638 - Tensile Elongation %:	20% - 30%
ASTM D-695 - Compressive Strength:	
@ 24 hours:	7,500
@ 7 days:	9,800
ASTM C-722 - Monolithic Surfacing:	Pass
ASTM D-2794 - Impact Resistance:	Pass
ASTM D-4060 - Abrasion Resistance(CS-17):	1000 CYCLES
ASTM D-4366 - Shore D	85-90
Vapor Permeance@1.6 MILS Thickness	US PERM 0.07
ASTM E96	
MVER/RH@ 6 MIL Thickness ASTM F 1869	18lb./24 hr/1000 square feet