



EZ- 100 MVB

PARTS A & B



HIGH SOLIDS MOISTURE VAPOR BARRIER

E Z-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 CONCRETE'S SURFACE.

PRODUCT HIGHLIGHTS

- Great adhesion to concrete where moisture vapor transmission is an issue, or you encounter damp concrete.
- Outstanding performance compared to other coatings.
- Color Tintable
- Zero VOC in North America.
- Available -3-gallon kit.
- Bis. F blend for better cross-linking and chemical resistance.

** testing done in lab at 73

QUICKLOOK:

Type: Bisphenol A resin
RATIO: 2-1 2 Part a to one Part B
Toxicity: Harmful if swallowed
VOC's: None
Flammability: Non-Flammable
Color: Pale Yellow
Odor: Mild

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.

USES

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

AT A GLANCE	
CURE TIME	20-24 hours
RECOAT TIME	18-24 hours
LIGHT TRAFFIC	24 hours
HEAVY TRAFFIC	72 hours
FULL CURE	7 Days
POT LIFE	35 Min
WORK TIME	45 Min

*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



Manufactured In The USA By

FOR PROFESSIONAL USE ONLY
FOR EMERGENCY HELP

24 Hours a Day contact: INFOTRAC at 1-800-535-5053



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HOW TO USE:

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

MIXING: Add Epoxy Hardener mix for 3 minutes continually sweeping the sides and bottom of the container. Mixing Ratio: 2 Part A to 1 Part B.

APPLICATION: Pour mixed material on the floor in 12 inch ribbons. Squeegee at a spread rate 100 sq. ft. per gallon or 16 mils. While wearing spiked shoes backroll with a lint-free 3/16" epoxy roller. **Must be applied at no more than 100 sq. ft per gallon to achieve specs.**

OTHER APPLICATIONS: Vinyl flakes or ceramic quartz can be broadcasted into the wet film. After cure, sweep 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 12-16 hours, foot traffic 24 hours Heavy/vehicular traffic: 72 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 the activator is a mild corrosive. Store in a clean dry area. Do not freeze.

Dispose of following all state local and federal laws. Clean-up tools and equipment with xylene.

LIMITATIONS: Do not apply if the surface is below freezing. Concrete must be ground. Do not add solvent.

POTLIFE AND WORK TIME:

Mixing 1 full kit, you can expect a pot life of 35 minutes. Please note that once the epoxy is thoroughly mixed it should be poured out onto the surface being sealed. Your work time is at least 45 minutes. depending on conditions.

PRECAUTIONARY STATEMENT:

PART A: Do not handle until all safety precautions have been read and understood. Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product. Dispose of contents/container according to local, state and federal regulations.

PART B: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/ spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/ protective clothing/eye protection/face protection. In case of inadequate ventilation wear respiratory protection. Use in well ventilated areas. Store locked up. Dispose of contents/ containers according to local, state and federal regulations.

FIRSTAID:

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

TECHNICAL

ASTM D-635 - Flammability:	Self-Extinguishing
ASTM D-638 - Tensile Strength psi: ASTM	5500 psi
D-638 - Tensile Elongation %: ASTM D	20%-30%
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 Thickenss ASTM F 1869	18lb/24hr/1000 Sq Ft

SIGNAL WORD; WARNING

HAZARD PICTOGRAMS



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Test for cure times were done in a climate-controlled lab at 73°	
Temp	cure time
73°	20.24
AMBIENT TEMPERATURES	
**Please note these are suggestions and not exact. Cure times will vary based on temperature, Humidity and altitude.	
Temp	Cure Time
Below 40°	not recommended
90° <	not recommended

