



EZ-100 MVB

SUPER FAST CURE

PARTS A & B



ULTRA-FAST CURE MOISTURE VAPOR BARRIER

EZ-100 MVB-SFC IS A SUPER FASTCURING HIGHSOLIDS MOISTUREVAPOR BARRIER TO BE USED TO REDUCE WATER VAPOR TRANSMISSION. WHEN MOISTURE IS A PROBLEM, EZ100 MVB-SFC ALLOWS FOR BETTER ADHESION TO THE CONCRETE'S SURFACE.

PRODUCT HIGHLIGHTS

- Excellent primer coat for urethanes and epoxies
- Great adhesion to concrete where moisture vapor transmission is an issue or where 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, chemical resistance

USES

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

QUICKLOOK

RATIO: 2:1

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.

PROPERTIES AND CURE	TIMES
CURE TIME	2-3 hour
RECOAT TIME	1-8 hours
LIGHT TRAFFIC	8-12
HEAVY TRAFFIC	48
FULL CURE	7 days
POT LIFE	10-15 MIN
WORK TIME	20 MIN

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 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 16mils. 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 2-3 hours, foot traffic 12 hours Heavy/vehicular traffic: 48 hours Full cure: 5 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 fullkit, you can expect a pot life of 10-15 minutes. Please note that once the epoxy is thoroughly mixed, it should be poured onto the sealed surface. Your work time is at least 20 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.

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.

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	12Lb/24hr/1000 Sq Ft

SIGNAL WORD; WARNING

HAZARD PICTOGRAMS



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

MATERIAL PROPERTIES AT 75°F:

Test for cure times were done in a climate-controlled lab at 73°	
Temp	
73°	2-3 hours
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