



# EZ-100 LV

## PARTS A & B

### SUPER HIGH GLOSS EPOXY SURFACE SEALER



**EZ- 100 LV IS A SUPER HIGH GLOSS EPOXY SURFACE SEALER FOR ALL INTERIOR LATERAL CONCRETE SURFACES, OVERLAYS, METALLICS, COUNTER TOPS, CONCRETE FLOORS & CHIP BROADCAST SYSTEMS. PERFECT FOR PIGMENTS OR METALLICS.**

#### PRODUCT HIGHLIGHTS

- Super high gloss clear finish, with a clear wet appearance. Especially good for use with metallics
- Low Viscosity (550-650 CPS)
- Self leveling.
- **Resistant:** Stain resistant, blush resistant, solvent resistant.
- **Curing:** 16-20 hours for foot traffic, and 4-5 days wheel traffic
- **Ratio:** 2:1 (2 Part A to 1 Part B)
- Available in 1, 3 and 15 gallon kits

#### QUICK LOOK: PART A

Type: Ratio: 2:1  
 Toxicity: Harmful if swallowed  
 VOC's: Low  
 Flammability: Non-Flammable  
 Composition:  
 Color: Cloudy  
 Odor: Mild  
**Coverage:** 1 gallon of mixed epoxy will cover approximately up to 50 - 150 sq. ft. depending on application preference/desired results of installer. 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

EZ-100 LV is recommended as a high gloss finish sealer for interior lateral concrete surfaces including overlay and solid concrete countertops, concrete floors, and concrete overlays. Use EZ-100 LV as a base for chip broadcast systems and metallic pearl effects.

- Retail and Commercial Flooring
- Garage Floors and Showrooms
- High-Traffic Interior Applications
- Special additives to prevent bubbles.
- 1 hour work time

#### QUICK LOOK: PART B

Type:  
 Ratio: 2:1 **Toxicity:** Harmful if swallowed, or inhaled **VOC's:** Low  
**Flammability:** Non-Flammable  
**Composition:**  
 Color: Clear  
 Odor: Mild  
**Coverage:** 1 gallon of mixed epoxy will cover approximately up to 50 - 150 sq. ft. depending on application preference/desired results of installer. Needs to be applied at temperatures between 50°-90°F.  
 \*Coverage rates may vary depending on porosity, texture, and application method.

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# EZ-100LV PARTS A & B

## 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.

**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: 16-20 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 30 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 60 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.

## 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

Manufactured In The USA By



*\*Product warranty for one year from date of manufacture*

For more information on EZChem and all products manufactured by EZChem please visit our website: [www.ezchemusa.com](http://www.ezchemusa.com)



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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):	18hrs. / 24hrs.
Light Foot Traffic:	24 hours
Vehicular Traffic (hours):	96 hours
ASTM D-570 - Water Absorption (24hrs.):	<0.5%
ASTM D-635 - Flammability:	Self-Extinguishing
ASTM D-638 - Tensile Strength psi:	4,500psi - 5,200psi
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):	36mg
ASTM D-4366 - Konig Hardness:	120
ASTM D-4541 - Adhesion Strength:	>600psi
*EPA Method 24 - Floor Category	