



EZ-100

PARTS A & B

SUPER HIGH GLOSS EPOXY SURFACE SEALER



EZ-100 IS A SUPER HIGH GLOSS, FAST CURING EPOXY SURFACE SEALER FOR ALL INTERIOR LATERAL CONCRETE SURFACES, OVERLAYS, METALLICS, COUNTERTOPS, CONCRETE FLOORS, AND CHIP BROADCAST SYSTEMS. IDEAL FOR PIGMENTS OR METALLICS.

PRODUCT HIGHLIGHTS

- Super high gloss clear finish, with a clear wet appearance.
- Self-leveling
- Resistant: Stain resistant, blush resistant
- 600-700 CPS
- Ratio: 2:1 (2 Part A to 1 Part B)
- Available in 3-gallon kits

** testing done in lab at 73

USES

EZ-100 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 as a base for chip broadcast systems and metallic pearl effects.

- Retail and Commercial Flooring
- Garage Floors and Showrooms
- High-Traffic Interior applications

QUICKLOOK:

Type: Part A Bisphenol A resin
Part B Cycloaliphatic amine

Ratio: 2:1

Toxicity: Harmful if swallowed

VOC's: None

Flammability: Non-Flammable

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.

FORMORE INFORMATION,
PLEASE SEE SDS.

AT A GLANCE	
CURE TIME	12-14
RECOAT TIME	10-24
LIGHT TRAFFIC	24
HEAVY TRAFFIC	72 HOURS
FULL CURE	7 Days
POT LIFE	35
WORK TIME	45

*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



EZ-100

HOW TO USE:

SURFACE PREP: For a proper bond, the surface of concrete must be grinded with low grit metals. If sanding; must wear a dust mask; followed by vacuuming up the dust and wiping down with either Acetone or Denatured Alcohol. .

MIXING: If adding Metallic pigments, add pigments into Part A of the epoxy and mix for 3 mins. Let sit for several hours to saturate and then remix. 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 and/or roll while wearing spiked shoes, back roll with lint-free 3/8" epoxy roller.

OTHER APPLICATIONS: Vinyl flakes or ceramic quartz can be broadcast into the wet film. After curing, sweep off and scape excess flakes. Then seal with epoxy or another top coat.

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

DRY-TIME & RECOAT: Foot traffic: 24 hours Heavy/vehicular traffic: 3 Days, Full cure: 7 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 to CSP 3 or more.

POTLIFE AND WORK TIME:

Mixing 1 fullkit, you can expect a pot life of 30 minutes. 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

MATERIAL PROPERTIES AT 73°F:

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	

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°	12-14 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



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