



## **Morricite Epoxy Resin Glaze (Premium)**

### **DESCRIPTION**

**Morricite Epoxy Resin Glaze #320** is a 100% solids, solventless, high-build, two-part epoxy coating. It is designed to enhance appearance, reduce dusting and protect the concrete slabs while making the surface easy to clean. The seal coat is installed at 16 to 20 mils.

This system is designed to be used indoors in commercial, industrial and institutional environments where a UV light-stable, clear, chemical resistant seal-coat is desired.

### **ADVANTAGES**

- Mixes easily – 2 (two) parts A and 1 (one) part B
- Resistant to UV degradation
- Coatings / clear or pigmented
- Resistant to chemical attack and etching
- Quick installation
- Durable and long lasting
- Resistant to Algae, Fungi, Mildew & Mold  
(Does not promote bacterial growth)

### **SURFACE PREPARATION**

The substrate must be clean (free of dirt, dust, paint, grease, oil, rust and other contaminants), sound and durable. New concrete must be fully cured (28 days minimum) and all laitance and curing compounds removed. Suitable preparation methods include grit blasting and scarification. The recommended minimum pull-off strength of the prepared substrate is 200 psi.

### **TYPICAL PHYSICAL PROPERTIES**

@ 75° F (23° C)

Color Clear or Pigmented

Mix Ratio A : B 2 to 1 by volume

<u>Pot Life (minutes)</u>	<i>Fast</i>	<i>Regular</i>	<i>LPL</i>
@ 150 grams	18-20	38-40	65-70
@ 1 gallon mass	13	26	44

Cure Time (hours) @10 mils (250 microns)

Dry to Touch	2-4	10-12	16-20
To Recoat	8-14	12-20	16-24
<u>Final Cure (days)</u>	7	7	7

Hardness:	ASTM 2240	(Shore D) 75-80
Tensile Strength:	ASTM D638	6,000 psi
Tensile Elongation:	ASTM D638	2 – 5 %
Compression Strength:	ASTM D695	11,000 psi
Flexural Strength:	ASTM D790	5,000 psi
Bond Strength:	ASTM D4541	> 400 psi
Impact Strength, passing:	MIL D3134	no chipping or delaminating
Shelf Life:	2 years minimum in unopened container (stored between 50 °F to 90 °F)	

**SOUND and DURABLE CONCRETE**

Sound and durable concrete should be crack free and have a cap pull-off strength 180 psi per ACI 503 R.

**CRACKED CONCRETE**

Repair cracked concrete with Morricite Structural Epoxy Injection Adhesive or Morricite Non-Sag Epoxy Paste Adhesive per the manufacturer's recommendations.

NOTE: PRIMER recommended on concrete to avoid "out-gassing" (air bubbles) related problems associated with porous concrete.

**SAFETY**

For industrial and professional use **ONLY**.

For detailed safety guidelines, please refer to the Safety Data Sheet (SDS)

**WARRANTY INFORMATION**

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