

REZSTONE

2011 Seaman St., Toledo, Ohio 43605 **SPECIFICATIONS**

9327
Three-Coat
Epoxy & Urethane
Floor System

9327 Three-Coat Epoxy & Urethane Floor System

Description: Rez-Stone 9327 is an economical epoxy and urethane coating system, which provides 27mil protection over existing concrete surfaces where an overlayment is not needed. Rez-Stone 9327 is designed for light-to-medium industrial floor service, incorporating two 100% solids epoxy base coats and one urethane topcoat. Use where high light reflectivity, outstanding abrasion resistance and easy clean ability are desired.

Advantages:

- Economical
- Easy Application
- Excellent Light Reflectivity
- High Abrasion and Chemical Resistance

Limitations:

- Substrate minimum temperature 50°F.
- New concrete must be at least 28 days old.
- Substrate must be clean and sound.

Coverages: Actual coverage may vary due to the existing surface conditions. The following can be used as a guide for new concrete conditions.

Prime Coat	175 Sq. Ft. per Gallon (8 mils)	Rez-Stone 5058
Intermediate Coat	75 Sq. Ft. per Gallon (16 mils)	Rez-Stone 5058
Topcoat	275-325 Sq. Ft. per Gallon (3 mils D.F.T.)	Rez-Stone 6300

INSTALLATION

Surface Preparation: Concrete surfaces must be clean and sound. Remove all dust, laitance, grease, curing compounds and other bond inhibiting contaminants by shot blasting, scarification or other approved mechanical methods. Due to the relatively thin thickness of the system, brush blasting is recommended with a S-280 shot or smaller to prevent blast marks from telegraphing through the coating. Treated surfaces must be magnetically broomed to remove all steel shot, and vacuumed to remove all dust and dirt before applying any coatings.

Application: After proper surface preparation, the concrete surface will be primed using a straight tight squeegee coat of Rez-Stone 5058 Epoxy Coating reduced 10% with Rez-Stone 1201 Epoxy Reducer (D.F.T. 8 mil). After curing of the primer, all cracks and holes may be patched with a putty knife or trowel using Rez-Stone 2610 Epoxy Crack Repair Kit. After patching a second coat of Rez-Stone 5058 may be applied with a notched squeegee at the rate of 100 square feet per gallon (D.F.T. 16 mil) and lightly back-rolled for a smooth flat-line finish. A final topcoat of Rez-Stone 6300 Chemical-Resistant Urethane can be roller applied for a finished system thickness of 27 mils D.F.T. Do not allow more than 24 hours between epoxy coatings and not more than 12 hours curing before applying the urethane topcoat. If more time passes over, cured surface must be lightly sanded or screened before applying further coatings to prevent inner coat adhesion problems.

**TYPICAL PROPERTIES AND SPECIFICATIONS
OF CURED SYSTEM**

Tensile Strength ASTM D-638.....	5,400 psi
Compressive Strength ASTM C-579.....	7,200 psi
Flexural Strength ASTM D-790.....	8,300 psi
Tensile Elongation.....	10%
Bond Strength.....	Greater 300 psi (concrete failure)
Flammability ASTM D-635.....	Self-Extinguishing
Electrical Conductivity.....	Non-Conductive
Water Absorption % ASTM D-570.....	0.10
Color.....	Clear and all standard colors
Coefficient of Friction ASTM D-2047	
Natural Smooth Textured Finish.....	0.45
Add #36 Oxide to Light Textured Finish	0.60
Add #36 Oxide to Medium Textured Finish	0.65
Add #36 Oxide to Heavy Textured Finish	0.70

Safety Precautions: Prolonged or repeated exposure to epoxy materials may cause eye or skin irritations. If contact occurs, wash affected area with soap and water immediately. If discomfort continues seek medical attention. Always wear suitable protective clothing and use proper safety devices. See respective MSDS for complete details.

Clean-Up: All tools and equipment should be cleaned before material gels. Use 1201 Epoxy Reducer or Xylene.

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