

REZSTONE

Epoxy Floor Systems

SPECIFICATIONS

9327 THREE-COAT EPOXY & URETHANE FLOOR SYSTEM

Description:

Rez-Stone 9327 is an economical epoxy and urethane coating system that provides 27 mil coating protection over existing concrete surface where an overlayment is not needed. Rez-Stone 9327 is designed for light-to-medium industrial floor surface, incorporating two 100% solids epoxy base coats for adhesion and one urethane topcoat. Use where high-light reflectivity, outstanding abrasion resistance, and easy cleanability 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 Square Feet per Gallon (8 mil)	Rez-Stone 5017
Intermediate Coat	75 Square Feet per Gallon (16 mil)	Rez-Stone 5058
Topcoat	275-325 Square Feet per Gallon (3 mil D.F.T.)	Rez-Stone 6300

Surface Preparation:

Concrete surfaces must be clean and sound. Remove all dirt, laitance, grease, curing compounds, and other bond-inhibiting contaminants by shot blasting, scarification, or other approved mechanical methods. Due to the relatively thin film 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 5017. After primer has cured, fill all cracks and holes using Rez-Stone 2610 epoxy crack patch. After patching, apply a second coat of Rez-Stone 5058 with a notched squeegee at the rate of 75 square feet per gallon (D.F.T. 16 mil) and lightly back-roll 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 nor 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.

Safety Precautions:

Prolonged or repeated exposure to epoxy materials may cause eye or skin irritation. 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 Rez-Stone 1201 epoxy reducer.



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9327 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	Available in clear and all standard colors
<u>Coefficient of Friction ASTM D-2047</u>	
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

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