

# REZSTONE

## Epoxy Floor Systems

## SPECIFICATIONS

### 9334 THREE-COAT EPOXY FLOOR SYSTEM

#### Description:

Rez-Stone 9334 is a three-coat epoxy floor system designed for hi-build epoxy protection over existing concrete substrates where good filling and leveling properties are needed. Rez-Stone 9334 provides high gloss and excellent wear resistance on light-to-heavy industrial floor applications. Rez-Stone 9334 incorporates three coats of 100% solids epoxy for an economical, long-lasting 34 mil floor system.

#### Advantages:

- ✓ Economical
- ✓ Easy application
- ✓ Excellent light reflectivity
- ✓ Solvent free
- ✓ No VOC's

#### 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 (10 mil)	Rez-Stone 5017
Intermediate Coat	200 Square Feet per Gallon (8 mil)	Rez-Stone 5017
Topcoat	100 Square Feet per Gallon (16 mil)	Rez-Stone 5078

#### 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 curing of the primer, all cracks and holes may be patched with a putty knife or trowel using Rez-Stone 2610 epoxy crack repair kits. After patching, an intermediate coat of Rez-Stone 5017 is applied with a squeegee or steel trowel to help heal the roughness of the floor. A topcoat of Rez-Stone 5078 hi-build chemical and abrasion resistant epoxy is applied at 100 square feet per gallon for a textured finish. Do not allow more than 24 hours between epoxy coatings. If more time passes over, cured surface must be lightly sanded or screened before applying additional coatings top 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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**9334 TYPICAL PROPERTIES AND SPECIFICATIONS OF CURED SYSTEM**

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Tensile Strength ASTM D-638	2,400 psi
Compressive Strength ASTM C-579	9,200 psi
Flexural Strength ASTM D-790	4,300 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

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