

REZSTONE

Epoxy Floor Systems

SPECIFICATIONS

9335-C 35 MIL CONDUCTIVE EPOXY FLOOR SYSTEM

Description:

Rez-Stone 9335-C is a 100% solids epoxy coating system, which provides hi-build 35 mil protection, with static and electrical conducting properties over new or existing concrete surfaces. Rez-Stone 9335-C is designed for light-to-medium industrial floor surface where static and electrical conducting finishes are required, along with increased abrasion and chemical resistance. Rez-Stone 9335-C incorporates a conductive 100% solids epoxy basecoat and topcoat for a long-lasting, high-gloss, textured finish, resistant to most common industrial cleaners and fluids.

Advantages:

- ✓ Increased chemical resistance
- ✓ Easy fast installation
- ✓ High abrasion resistance
- ✓ Static-dissipating
- ✓ 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 dry
- ✓ Do not apply to wet substrate or substrates exhibiting moisture vapor transmission

Coverage Nominal 35 Mils:

Prime Coat	200-250 Square Feet per Gallon	Rez-Stone 5017
Base Coat	100 Square Feet per Gallon	Rez-Stone 5017-C
Topcoat	95 Square Feet per Gallon	Rez-Stone 5078-C

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, apply a prime coat using Rez-Stone 5017 using a flat rubber squeegee or roller. After primer has cured, fill all cracks and holes using Rez-Stone 2610 epoxy crack repair. After patching, apply Rez-Stone 5017-C using a notched rubber squeegee or roller and backroll on spiked shoes for an even finish. Do not allow primer to cure more than 24 hours before applying base coat. If more time is allowed the over cured surface must be lightly sanded or screened before applying additional coats. This will prevent any inner coat adhesion problems. After base coat has cured, apply 5078-C using a notched rubber squeegee and backroll on spiked shoes in one direction for a uniform finish. If more non-slip finish is desired a clean, dry, and graded silica or aluminum oxide aggregate may be incorporated into the Rez-Stone 5078-C topcoat. (Adding aggregate to the topcoat could cause inconsistent testing issues.)

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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9335-C TYPICAL PROPERTIES AND SPECIFICATIONS OF CURED SYSTEM

Tensile Strength ASTM D-638	4,256 psi
Compressive Strength ASTM C-579	12,500 psi
Flexural Strength ASTM C-579	3,900 psi
Tensile Elongation	5%
Base Coat Color	Black only
Topcoat Color	Most standard colors
Shore "D" Hardness ASTM D-2240	85-90
Percent Elongation ASTM D-638	0.2
Water Absorption ASTM C-413	0.2%
Abrasion Resistance ASTM D-4060	0.1 gram
Moisture Vapor Permeability ASTM E96-80	0.06 perms
Thermal Shock Resistance ASTM C-884	Passes
Static Coefficient of Friction ASTM C-1028	0.5 to 0.9 will vary with selected finish
Thermal Coefficient of Linear Expansion ASTM D-696	2.5×10^{-5} in/in/deg F
Impact Resistance MIL-D-3134F	No Indention
Bond Strength ACI Committee 403/59-43	350 psi (100% concrete failure)
Flammability ASTM D-635	Self- extinguishing
Electrical Resistance ESD STM 7.1-2001	Less than 100 megaohms

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