

REZSTONE

Epoxy Floor Systems

SPECIFICATIONS

9220-NV TWO-COAT EPOXY NOVOLAC COATING SYSTEM

Description:

Rez-Stone 9220-NV is an economical epoxy coating system, which provides hi-build 20 mil protection over new or like new concrete surfaces where increased chemical resistance is needed. Rez-Stone 9220-NV is designed for light-to-medium industrial floor surface where light orange peel finish is required. Rez-Stone 9220-NV incorporates a 100% solids novolac epoxy primer and topcoat for long lasting, semi-gloss, textured finish, resistant to aggressive industrial cleaners, fluids, and acids.

Advantages:

- ✓ Economical
- ✓ Easy-fast application
- ✓ High abrasion and chemical resistance
- ✓ Unique orange peel finish
- ✓ Solvent free
- ✓ No VOC's

Limitations:

- ✓ Substrate minimum temperature 50°F
- ✓ New concrete must be at least 28 days old
- ✓ Novolac topcoat has poor UV resistance from yellowing
- ✓ Do not apply to wet substrate or substrates exhibiting moisture vapor transmission

Coverage Nominal 20 Mils:

Prime Coat	175-200 Square Feet per Gallon (8 mils)	Rez-Stone 5559
Topcoat	125-150 Square Feet per Gallon (12 mils)	Rez-Stone 5579

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 of Rez-Stone 5559 using a flat rubber squeegee or roller. After primer has cured, fill all cracks and holes using Rez-Stone 5559 epoxy crack repair. After patching, apply Rez-Stone 5579 using a notched rubber squeegee or roller and back-roll on spiked shoes for an even finish. Do not allow primer to cure more than 24 hours before applying topcoat. 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. If more non-slip finish is desired a clean, dry, and graded silica or aluminum oxide aggregate may be incorporated into the Rez-Stone 5579 topcoat.

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 Rez-Stone 1201 epoxy reducer.



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9220-NV TYPICAL PROPERTIES AND SPECIFICATIONS OF CURED SYSTEM

Tensile Strength ASTM D-638	4,256 psi
Compressive Strength ASTM C-579	12,000 psi
Flexural Strength ASTM C-579	3,900 psi
Tensile Elongation	5%
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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