

REZSTONE

Epoxy Floor Systems

SPECIFICATIONS

9412 1/8" COLOR QUARTZ DOUBLE BROADCAST FLOOR SYSTEM

Description:

Rez-Stone 9412 is a nominal 1/8" seamless, decorative color quartz broadcast system utilizing 100% solids epoxy with two broadcast coats of color quartz aggregate and optional urethane finish coats. Rez-Stone 9412 is ideally suited for existing concrete floors or new floors where added thickness or impact resistance is needed. Textured finishes on the Rez-Stone 9412 system can be used in commercial and industrial applications.

Advantages:

- ✓ Meets USDA requirements
- ✓ Excellent chemical, impact, and abrasion-resistance
- ✓ Varying degrees of slip-resistance
- ✓ Satin or gloss finish
- ✓ Seamless cove base available
- ✓ Solvent free
- ✓ No VOC's

Limitations:

- ✓ Substrate minimum temperature 55°F
- ✓ New concrete must be at least 28 days old
- ✓ Do not apply to wet substrate

Coverages at Nominal 1/8" Thickness:

Prime Coat	200 Square Feet per Gallon	Rez-Stone 5017
Broadcast Aggregate	½ Pound per Square Foot	#28 Color Quartz
Binder Coat	90 Square Feet per Gallon	Rez-Stone 5017
Broadcast Aggregate	½ Pound per Square Foot	#28 Color Quartz
Seal Coat	85 Square Feet per Gallon (Light Textured Finish)	Rez-Stone 5058
	100 Square Feet per Gallon (Medium Textured Finish)	Rez-Stone 5058
Optional Topcoat	275 Square Feet per Gallon	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, apply a prime coat of Rez-Stone 5017 using a trowel, flat squeegee, or roller. After primer has cured, fill all cracks and holes using Rez-Stone 2610 epoxy crack repair kit. After patching, apply a binder coat of Rez-Stone 5017 using a 3/16" notched trowel or squeegee. If necessary, back-roll to help leveling. Slowly broadcast a dry #28 color quartz aggregate so that it falls vertically into the binder. Continue to broadcast lightly, making several passes allowing binder to bleed through the aggregate before making next pass. Cover the wet binder completely with color quartz (to excess) before binder becomes tack-free. After curing of broadcast binder, remove excess quartz by broom sweeping. Apply a second binder coat and repeat with second broadcast or quartz. Apply Rez-Stone 5058 seal coat using a flat trowel, squeegee, or roller to match finished textured desired. After curing of the seal coat an optional topcoat of Rez-Stone 6300 may be roller- applied for added gloss-retention and chemical-resistance.

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.



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Clean-Up:

All tools and equipment should be cleaned before material gels. Use Rez-Stone 1201 epoxy reducer.

9412 TYPICAL PROPERTIES AND SPECIFICATIONS OF CURED SYSTEM

Tensile Strength ASTM D-638	5,400 psi
Compressive Strength ASTM C-579	10,000 psi
Tensile Elongation	6-8%
Bond Strength ACI Committee 403/59-43	350 psi (100% concrete failure)
Flammability ASTM D-635-63	Self-extinguishing
Electrical Conductivity	Non-conductive
Water Absorption % ASTM D-570-63	0.10
Color	Available in all standard colors
Pot Life	20-25 Minutes @ 70°F
Cure Times:	
Tack-Free Set for Recoat	6 Hours @ 70°F
Initial Set for Light Traffic	16 Hours @ 70°F
Ultimate Cure	7 Days @ 70°F

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