

REZSTONE

Epoxy Floor Systems

SPECIFICATIONS

9594 3/16" DECORATIVE EPOXY FLOOR TOPPING

Description:

Rez-Stone 9594 is a nominal 3/16" seamless decorative epoxy floor system utilizing 100% solids epoxy in a trowel-applied base coat and a multi-color quartz broadcast for a functional slip-resistant finish. Rez-Stone 9594 is ideally suited for new or renovation construction over sound concrete, wood, and quarry tile where added thickness and impact-resistance are needed. Textured finish can be adjusted in commercial or industrial applications.

Advantages:

- ✓ Excellent chemical, impact, and abrasion-resistance
- ✓ Seamless cove base available
- ✓ Meets USDA requirements
- ✓ Varying degrees of slip-resistance
- ✓ 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

Coverage at Nominal 3/16" Thickness:

Prime Coat	200 Square Feet per Gallon	Rez-Stone 5017
Matrix Binder	50 Square Feet per Gallon	Rez-Stone 5017
Matrix Aggregate	1 Pound per Square Foot	Blended Aggregate
Broadcast Binder	50 Square Feet per Gallon	Rez-Stone 5017
Broadcast Aggregate	0.6 Pounds per Square Foot	Blended Color Quartz
Seal Coat	85 Square Feet per Gallon	Rez-Stone 5058

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.

Application:

After proper surface preparation, Rez-Stone primer and overlayment material are mixed just prior to use. Using a screened box or straight edge, screen into place and trowel-finish. Once matrix has cured, scrape or sand to remove trowel imperfections and vacuum clean. Apply broadcast binder using a notched squeegee or trowel and medium-napped roller. Broadcast color quartz into freshly-rolled base coat to excess and allow to cure. Remove excess quartz and apply seal coat using a flat trowel for a light-textured finish or a flat squeegee for a more aggressive finish. After curing for the seal coat a topcoat or 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.

Clean-Up:

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



Warranties: Hoover & Wells, Inc. warrants the quality of its Rez-Stone products, and takes responsibility only for furnishing specifications and recommendations for their proper installation. Hoover & Wells, Inc. hereby disclaims all other warranties expressed or implied, and any implied warranties of merchantability or fitness for a particular purpose. Hoover & Wells, Inc. shall have no liability to the Purchaser for any property damage, bodily injury, death or other loss arising out of possession or use of Rez-Stone products. Hoover & Wells, Inc. shall not be responsible for any claim resulting from failure to use its product other than the manner outlined with the instructions provided for use of the products. Under no circumstances shall Hoover & Wells, Inc. be liable for any damages or otherwise in excess of the purchase price. Any claim for breach of warranty shall be given to Hoover & Wells, Inc. in writing with 90 days of delivery or the claim shall be deemed waived. All information here is provided in good faith only as an aid to the Purchaser. Thus, the Seller does not guarantee the accuracy of the information and assume no liability for reliance thereof. Rez-Stone® is a registered trademark of Hoover & Wells, Inc.

9594 TYPICAL PROPERTIES AND SPECIFICATIONS OF CURED SYSTEM

Compressive Strength ASTM C-579	10,000 psi
Tensile Strength ASTM C-307	1,890 psi
Flexural Strength ASTM C-580	4,400 psi
Shore "D" Hardness ASTM D-2240	85
Water Absorption ASTM C-413	0.2%
Percent Elongation ASTM D-638	0.2
Abrasion Resistance ASTM D-4060	0.1 gram
Moisture Vapor Permeability ASTM E96-80	0.06perms
Thermal Shock Resistance ASTM C-884	Passes
Flammability ASTM D-635	Self-extinguishing
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	2.5x10 ⁻⁶ in/in/deg F
Impact Resistance MIL-D-313F	No Indentation
Bond Strength ACI Committee 403/59-43	350 psi (100% concrete failure)
Electrical Resistivity, NFPA Bulletin #56A	Non-conductive
Color	Available in all standard colors
Working Time	30-35 minutes @ 70°F
Cure Times:	
Initial Set for Light Traffic	16 Hours @ 70°F
Ultimate Cure	7 Days @ 70°F

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