

# REZSTONE

Epoxy Floor Systems

TECHNICAL DATA

## 5014 100% STRUCTURAL EPOXY PRIMER BINDER

### Description:

Rez-Stone 5014 is a two-component, 100% solids, structural epoxy used as a primer and binder for Rez-Stone overlayment systems. Rez-Stone 5014 works well as a primer and binder in all Rez-Stone 9400 and 9500 series of floor systems. Rez-Stone 5014 exhibits excellent adhesion to properly prepared concrete substrates and good overall mechanical properties when cured.

### Advantages:

- ✓ Low-viscosity
- ✓ Cost effective
- ✓ Solvent free
- ✓ No VOC's
- ✓ Fast cure

### Limitations:

- ✓ Minimum substrate temperature 50°F
- ✓ New concrete must be at least 28 days old
- ✓ Do not apply over wet surfaces

### Packaging:

Unit Size: 3 gallon units, 15 gallon units, 150 gallon units.  
Coverage will vary with use.

### Surface Preparation:

Concrete surfaces must be clean and sound. Remove all dirt, laitance, grease, wax, curing compounds, and other bond-inhibiting contaminants by shot blasting, scarification, or other approved mechanical methods.

### Mixing:

Mix Ratio: 2 Parts A (resin) to 1 Part B (curing agent) by volume. Temperature of material must be between 60°F and 90°F at time of mixing for best application properties. Pre-mix Part A (resin) component before blending with curing agent. Mix two parts by volume Part A with one part by volume Part B for three minutes with low speed drill and paddle. Mix only that amount of material that can be used within its applicable pot life.

### Application:

Application will vary with use. To use as a primer over properly prepared surfaces, apply using a brush, roller, squeegee, or sprayer. As a binder, use as recommended by appropriate Rez-Stone specification sheet.

### 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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**5014 TYPICAL PROPERTIES AND SPECIFICATIONS**

Blended Viscosity	460 cps @ 70°F
Pot Life	20-30 Minutes @ 70°F
Tack Free, Recoat Time	6 Hours @ 70°F
Color	Clear – Also available in all standard colors
Solids, Mixed	% by Weight 100± 2 % by Volume 100± 2
Shelf Life	Greater than one year in original unopened package
Storage	Dry, between 50°F and 90°F
Tensile Strength ASTM D-638	2,600 psi
Compressive Strength ASTM C-579	13,000 psi
Flexural Strength ASTM D-790	4,000 psi
Tensile Elongation	4%
Bond Strength	Greater than concrete

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