

REZSTONE

Epoxy Floor Systems

TECHNICAL DATA

5017 100% SOLIDS EPOXY PRIMER BINDER

Description:

Rez-Stone 5017 is a two-component, 100% solids epoxy. When used as a primer, Rez-Stone 5017 exhibits excellent adhesion properties to properly prepared substrates. When used as a binder, Rez-Stone 5017's low viscosity produces easy-to-work-with floor systems even at cool temperatures.

Advantages:

- ✓ Low-viscosity
- ✓ Excellent blush resistance
- ✓ Non-flammable 100% solids
- ✓ Solvent free
- ✓ No VOC's

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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5017 TYPICAL PROPERTIES AND SPECIFICATIONS

Blended Viscosity	550 cps @ 70°F
Pot Life	20-25 Minutes @ 70°F
Tack-Free, Recoat Time	6 Hour @ 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	2,100 psi
Compressive Strength ASTM C-579	11,000 psi
Flexural Strength ASTM D-790	4,800 psi
Tensile Elongation	3%
Bond Strength	Greater than concrete

CHEMICAL RESISTANCE

Reagent	% Weight Change Over Time	
	30 Days	28 Days
Deionized Water	0.34	1.13
Ethanol	6.58	Destroyed
Toluene	1.38	19.30
Xylene	0.08	1.58
Butyl Cellsovle	4.22	13.98
MEK	Destroyed	Destroyed
10% Lactic Acid	0.51	1.79
10% Acetic Acid	0.92	2.95
70% Sulfuric Acid	0.05	0.19
98% Sulfuric Acid	Destroyed	Destroyed
50% Sodium Hydroxide	-0.05	-0.01
10% Sodium Hypochlorite	0.14	0.83
1,1,1 Trichloroethane	0.61	5.85

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