

5517 100% Novolac Solids Epoxy Primer-Binder

Description: Rez-Stone 5517 is a 100% Solids Epoxy Novolac and when used as a primer, exhibits excellent adhesion to properly prepared substrates. When used as a binder, Rez-Stone 5517's low viscosity produces easy to work with floor systems even at low temperatures

Advantages:

- Outstanding chemical resistance.
- Non-flammable 100% solids epoxy.
- High-gloss tile-like finish
- Sprayable

Limitations:

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

Packaging & Coverage: Unit Size: 2-1/2-quart units, 2-1/2-gallon units, 25-gallon units, 250-gallon units. Coverage can vary from 250 square feet per gallon to 50 square feet per gallon or less depending on substrate and finish desired.

INSTALLATION

Surface Preparation: Concrete surfaces must be clean and sound. Remove dust, laitance, grease, curing compounds, wax or other bond inhibiting substances by shot blasting, scarification or other approved mechanical means.

Mixing: Mix Ratio: 1-1/2 Parts A (resin) - 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. Stir the Part A (resin) component before blending. Mix one and one half parts by volume Part A with one part by volume of Part B for three minutes with low speed drill and paddle. Mix only that amount of material that can be used within its application pot life.

Application: Application will vary with use. As a primer Rez-Stone 5517 can be applied directly over properly prepared substrates. As a binder use as directed for Rez-Stone coating, self leveling and trowel down systems.

TYPICAL PROPERTIES AND SPECIFICATIONS

Blended Viscosity.....	900 cps @ 70°F
Pot Life.....	15-20 minutes @ 70°F
Tack-free Recoat Time.....	5 hours @ 70°F
Color.....	Clear (All standard colors)
Solids, Mixed.....	% by weight 100± 2
.....	% by volume 100± 2
Shelf Life.....	Greater than 1yr. in original unopened package
Storage.....	Dry, between 50°F and 90°F
Tensile Strength ASTM D-638.....	4,100 psi
Compressive Strength ASTM C-579.....	13,000 psi
Flexural Strength ASTM D-790.....	4,100 psi
Tensile Elongation.....	5%
Bond Strength.....	Greater than concrete

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 1201 Epoxy Reducer or Xylene.

CHEMICAL RESISTANCE

Rez-Stone 5517 has excellent resistance to most acids, alkali, solvents, fuels, grease, salts and strong detergents. The following information is a guide for determining suitable applications of Rez-Stone 5517. The following information is based on tests conducted on totally cured samples immersed for a period of 48 hours. Rez-Stone 5517 is not recommended for constant immersion or long term containment of any chemicals but is recommended for splash spills and short term containment as indicated below.

Up to 10%	Acetic Acid
Up to 50%	Sulfuric Acid
Up to 20%	Nitric Acid
Up to 20%	Phosphoric Acid
Up to 20%	Muratic Acid
Up to 20%	Ammonium Hydroxide
Up to 50%	Sodium Hydroxide
	Tri Sodium Phosphate
	Xylene
	MEK
	Mineral Spirits
	Brake Fluid
	Gasoline
	Fuel Oil
	A-1 Jet Fuel
	Beer
	Whiskey
	Tomato Paste
	Milk
	Vegetable Oil

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