

## 5058 100% Solids Epoxy Coating

**Description:** Rez-Stone 5058 is a 100% solids epoxy coating for high indoor traffic areas, such as pedestrian walkways or factory aisles, where high gloss, stain resistance and abrasion resistance are required. Rez-Stone 5058 is ideal for a finish coat over Rez-Stone self-leveling and multi-coat epoxy sealer systems, when a high gloss flat line finish is desired. 5058 has very little odor and very good resistance to most common industrial cleaners and fluids.

**Advantages:**

- Outstanding amine blush resistance
- Non-flammable 100% solids epoxy
- High-gloss tile-like finish
- Sprayable
- Moisture insensitive

**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: 3-quart units, 1-1/2-gallon units, 15-gallon units, 150-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: 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 two 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:** Rez-Stone 5058 can be applied directly over properly prepared concrete or over Rez-Stone self-leveling and sealer systems by using a brush, roller, squeegee or sprayer. If two coats are needed, a second coat can be applied as soon as the first coat is tack-free. Thickness per coat will vary depending on application technique and desired finish. Rez-Stone 5058 may be applied as thin as 5 mils or as much as 1/8" in one application.

## TYPICAL PROPERTIES AND SPECIFICATIONS

Blended Viscosity.....	1,750 cps @ 70°F
Pot Life.....	20-25 minutes @ 70°F
Tack-free Recoat Time.....	6 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.....	2,400 psi
Compressive Strength ASTM C-579.....	11,200 psi
Flexural Strength ASTM D-790.....	4,300 psi
Abrasion Resistance ASTM D-4060.....	Loss 0.075 gm loss (CS-17 wheel, 1,000gm load, 1,000 cycles)
Tensile Elongation.....	10%
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 5058 has good resistance to most common acids, alkali, fuels, grease, salts and strong detergents. The following information is based on 24 hour soak testing at 20 mils. The information is correct to the best of our knowledge. A test patch is always recommended to determine actual chemical resistance in critical situations.

<u>Reagent</u>	<u>Affect</u>
5% Acetic Acid	Unaffected
10% Sulfuric Acid	Discolored
5% Nitric Acid	Unaffected
10% Phosphoric Acid	Discolored
20% Ammonium Hydroxide	Unaffected
20% Sodium Phosphate	Unaffected
Tri-Sodium Phosphate	Unaffected
Brake Fluid (Auto)	Slight Softening
Gasoline	Unaffected
A-1 Jet Fuel	Unaffected
MEK	Destroyed
Methyl Chloride	Destroyed
Mineral Spirits	Unaffected
Xylene	Slight Softening
Beer	Unaffected
Mustard	Unaffected
Milk	Unaffected
Urine	Unaffected
Whiskey	Unaffected
Vegetable Oil	Unaffected

**Warranties:** Hoover & Wells warrants the quality of its Rez-Stone products, and takes responsibility only for furnishing specifications and recommendations for their proper installation. Hoover & Wells hereby disclaims all other warranties expressed or implied, and any implied warranties of merchantability or fitness for a particular purpose. Hoover & Wells 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 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 product. Under no circumstances shall Hoover & Wells 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 in writing with 90 days of delivery or the claim shall be deemed waived. All information herein is provided in good faith only as an aid to the Purchaser. Thus, the Seller does not guarantee the accuracy of the information and assumes no liability for reliance thereon. Rez-Stone is a trademark of Hoover & Wells, Incorporated, Toledo, Ohio USA

2011 Seaman • Toledo, Ohio 43605 • (419) 693-1215