

# REZSTONE

## Epoxy Floor Systems

## SPECIFICATIONS

### 9400 EPOXY BROADCAST FLOOR SYSTEM

**Description:**

Rez-Stone 9400 is a silica aggregate filled epoxy floor system that provides hi-build protection, up to 1/16" D.F.T., over new concrete substrates. Rez-Stone 9400 is designed for medium-to-high industrial traffic areas where varying degrees of non-slip finishes are required. Rez-Stone 9400 incorporates multiple epoxy base coats with a broadcast silica aggregate. Use Rez-Stone 9400 where chemical, wear, and impact-resistance and non-slip finishes are required.

**Advantages:**

- ✓ Economical hi-build aggregate-filled protection
- ✓ Easy application, no trowel marks
- ✓ Varying Degrees of Non-Slip
- ✓ High abrasion, impact, and chemical resistance
- ✓ Variable thickness from 1/16" to 1/8"
- ✓ Solvent free
- ✓ No VOC's

**Limitations:**

- ✓ Substrate minimum temperature 50°F
- ✓ New concrete must be at least 28 days old
- ✓ Substrate must be clean and sound
- ✓ Do not apply to wet substrate or substrates exhibiting moisture vapor transmission

**Coverages at Nominal 1/16" Thickness:**

Prime Coat	175-225 Square Feet per Gallon	Rez-Stone 5017
Binder Coat	90 Square Feet per Gallon	Rez-Stone 5017
Broadcast Aggregate	1 Pound per Square Foot	#25 Mesh Dry Silica
Topcoat	90 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, apply a prime coat using Rez-Stone 5017 and a flat rubber squeegee or roller. After primer has cured, fill all cracks and holes using Rez-Stone 2610 epoxy crack repair. After patching, apply a binder coat of Rez-Stone 5017 using 3/16" notched rubber squeegee. If necessary, back-roll to help leveling. Slowly broadcast a dry #25 mesh silica aggregate so that the sand falls vertically into the binder. Continue to broadcast lightly, making several passes and allowing binder to bleed through the sand before making next pass. Cover completely with sand (to excess) before binder becomes tack-free. After curing of broadcast binder, remove excess sand. NOTE: If a finished system thickness of greater than 1/16" is needed repeat the above process. For a more or less aggressive finish, topcoat with Rez-Stone 5058 using a steel trowel, flat-rubber squeegee, or roller.

**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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**9400 TYPICAL PROPERTIES AND SPECIFICATIONS OF CURED SYSTEM**

Tensile Strength ASTM D-638	5,400 psi
Compressive Strength ASTM C-579	10,000 psi
Tensile Elongation	6-8%
Bond Strength ACI Committee 403/59-43	350 psi (100% concrete failure)
Flammability ASTM D-635-63	Self-extinguishing
Electrical Conductivity	Non-conductive
Water Absorption % ASTM D-570-63	0.10
Color	Available in all standard colors
Pot Life	20-25 Minutes @ 70°F
<u>Cure Times:</u>	
Tack-Free Set for Recoat	6 Hours @ 70°F
Initial Set for Light Traffic	16 Hours @ 70°F
Ultimate Cure	7 Days @ 70°F

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