STATREZ®
Static Control Coatings

StatRez® 150 Datasheet

Product Description

StatRez 150 Conductive Primer is a conductive, 2-component, water-based epoxy system that features ease of application, very low odor and excellent overall coating performance.

StatRez 150 Conductive Primer can be used under all APF StatRez coatings to achieve surface resistance in the **conductive** range of 25,000 to 1 million ohms (2.5E4-1E6). The product is designed to be applied to an isolation/prime coat of Epoxy 400, insulating the conductive primer from the substrate. This ensures consistent resistance readings across the entire floor.

Chemical Composition
Modified Bisphenol A epoxy resin cross linked with a water soluble amine adduct.

Color
StatRez 150 Conductive Primer comes in flat black.

Limitations
- Do not apply directly to concrete or cementitious substrates.
- Do not use on exterior substrates.
- Epoxy 400 is required for priming/isolating substrates prior to applying StatRez 150 Conductive Primer.

Technical Data

Physical Properties
Mixing Ratio, by Volume.....Supplied in pre-measured kits only
Solids Content, by Weight.....43%
Solids Content, by Volume.....38%
Volatile Organic Compounds.....<100 grams/liter
Pot Life (77ºF).....2-3 hours
Cure Times (77 degrees)
- Dry to Touch.....2 hours
- Recoat.....12-18 hours
- Light Traffic.....18-24 hours
- Full Cure.....7 days

Please Note: Higher temperatures and lower humidity will accelerate cure times.

General Information

Storage
Store in original un-opened containers, indoors, between 60F (15.5C) and 90F (32C).

Shelf Life
Three months from date of manufacture when stored under proper conditions.

Moisture Vapor Emissions Precautions
All interior concrete floors not poured over an effective moisture vapor retarder are subject to possible moisture vapor transmission that may lead to blistering and failure of the coating system. It is the coating applicator's responsibility to conduct calcium chloride and relative humidity probe testing to determine if excessive levels of vapor emissions are present before applying any coatings. Arizona Polymer Flooring can supply moisture remediation products. Consult our technical service department. Arizona Polymer Flooring and its sales agents will not be responsible for coating failures due to undetected moisture vapor emissions.

Surface Preparation
A prime coat of Epoxy 400 should be applied directly to the slab before application of Stat-Rez PC-150 Conductive Primer. If the Epoxy 400 has been down for less than 24 hours and is clean and dry, the Epoxy 100 Conductive Primer may be applied directly to it. Epoxy 400 that has been down for more than 24 hours or previously coated surfaces must be mechanically cleaned and abraded with steel wool or 80-grit sandpaper.

Mixing Instructions
Mix Part A well, bringing settled pigments up from bottom of container before adding Part B and water. Add Part B to the container containing Part A. **Mix carefully for 2 full minutes using a low speed drill, scraping the bottom and sides of the mixing vessel. Then, add 1 qt. water for 1.5 gal. unit or 2 qts. for 3 gal. unit and mix for an additional 2 minutes until completely uniform.**

Do not over or under thin with water as it will adversely affect conductivity.

Application Recommendations
StatRez 150 Conductive Primer is applied at 250-300 sq. ft. per gallon by brush, roller or airless spray. StatRez 150 Conductive Primer should normally be recoated after an overnight cure period. However, if conditions are very cool and/or damp, 48 hours cure time should be allowed before recoating. If the product cures longer than 72 hours, the surface should be lightly sanded before recoating.

Handling Precautions
Use only with adequate ventilation. Appropriate cartridge-type respirator must be used during application in confined areas. Avoid contact with skin; wear protective gloves. Read Material Safety Data Sheet before using.

Slip & Fall Precautions
OSHA and the American Disabilities Act (ADA) have now set enforceable standards for slip-resistance on pedestrian surfaces. The current coefficient of friction required by ADA is .6 on level surfaces and .8 on ramps. Arizona Polymer Flooring recommends the use of angular slip-resistant aggregate in all coatings or flooring systems that may be exposed to wet, oily or greasy conditions. It is the contractor and end users' responsibility to provide a flooring system that meets current safety standards. Arizona Polymer Flooring or its sales agents will not be responsible for injury incurred in a slip and fall accident.

Warranty

Arizona Polymer Flooring guarantees that this product is free from manufacturing defects and complies with our published specifications. In the event that the buyer proves that the goods received do not conform to these specifications or were defectively manufactured, the buyer's remedies shall be limited to either the return of the goods and repayment of the purchase price or replacement of the defective material at the option of the seller. ARIZONA POLYMER FLOORING MAKES NO OTHER WARRANTY, EXPRESSED OR IMPLIED, AND ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED. Arizona Polymer Flooring shall not be liable for any injury incurred in a slip and fall accident. Manufacturer or seller shall not be liable for prospective profits or consequential damages resulting from the use of this product.