

SYSTEM DESCRIPTION

StatRez PC 925C is a 3-coat multifunctional epoxy flooring system designed to impart static control properties in the conductive range of 25,000-1,000,000 (2.5E4-1E6) ohms resistance when tested with ESD Association test method 7.1.

StatRez PC 925C has the further advantage of providing a highly crosslinked coating with resistance to a broad range of aggressive chemicals in addition to its static control properties, making it ideal for use in chemical resistant applications that also require static control.

SYSTEM USES

StatRez PC 925C is designed to provide static control properties that prevent electrostatic damage to electronic products and equipment, limit the ability of personnel to build up a charge on their person and quickly remove a charge on a person or equipment. StatRez is used in electronics manufacturing and assembly areas, solvent storage areas, packaging lines processing areas, clean rooms, pharmaceutical industries, and hazardous industries (dust or explosion hazards).

FEATURES & BENEFITS

- 100% solids, <25 g/l VOC
- Qualifies for LEED projects
- Superior chemical resistance
- Maintains consistent electrical performance throughout the entire thickness of the system
- Does not depend on relative humidity for conductive properties
- Monolithic, seamless, non-porous
- More durable than ESD tile or sheet goods

COLORS

StatRez PC 925C System is available in Wheat, Sand, Buff, Adobe, Red Brick, Concrete Gray, Delta Fog, Sterling and Slate.

PRODUCTS

Epoxy 400 isolation coat, StatRez 150 Conductive Primer and StatRez 925 topcoat.

INSTALLATION

Please refer to StatRez PC 925C System installation guidelines for information and instructions.

SURFACE PREPARATION

Concrete must be cured 30 days and be clean, dry and structurally sound. Surface must be shot blasted or diamond ground to achieve an ICRI profile of SCP3 or greater. A properly prepared surface will have the texture of 80-100 grit sandpaper. If the surface is diamond ground, use 20-30 grit diamonds and vacuum the floor twice to remove concrete dust. Excessive dust in the pores of the concrete can compromise adhesion. Adhere strictly to guidelines listed in the Arizona Polymer Flooring Surface Preparation Manual. Previously coated surfaces must be mechanically cleaned and abraded with 80-100 mesh sandpaper prior to application.

PHYSICAL PROPERTIES

Electrical Transmission Properties

Point-to-Point or Point-to-Ground resistance per ESD 7.1

Conductive:	2.5E4-1E6
Body Voltage Generation:	<15 volts
5000 Volt Charge Dissipation to 0 Volts:	<0.1 sec.

Performance Properties

Abrasion Resistance (ASTM D 4060 CS17, 1000 cycles, 1000g load):	80-100
Hardness, Shore D (ASTM D 2240):	75-80
Bond Strength to Concrete (ASTM D 4541):	concrete fails before loss of bond

CONCRETE MOISTURE

Perform calcium chloride testing in accordance with ASTM F 1869 or relative humidity probe testing in accordance with ASTM F 2170. In the event that testing results in ≥ 3 lbs per 1000 sq. ft. per 24 hours, or $\geq 75\%$ relative humidity, please refer to Arizona Polymer Flooring VaporSolve® product information or go to www.vaporsolve.com.

CHEMICAL RESISTANCE

Refer to Arizona Polymer Flooring Chemical Resistance Guide for full system chemical resistance.

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.