

ARMOR-REZ

SL 100



SYSTEM DESCRIPTION

Armor-Rez SL 100 is a high-build, self-leveling slurry system consisting of a two-component epoxy primer, two-component epoxy slurry and a two-component chemical resistant polyurethane topcoat.

Armor-Rez SL 100 offers a high gloss, impact resistant floor with excellent chemical and abrasion resistance. It's ideal for floors that are moderately deteriorated.

SYSTEM USES

Armor-Rez SL 100 suitable for manufacturing applications, warehouses, automotive service areas and laboratories.

FEATURES & BENEFITS

- Low VOC formulations available
- Low odor formulations available
- Chemical resistant
- Abrasion resistant
- Impact resistant
- Qualifies for LEED projects

COLORS

Armor-Rez SL 100 is available in 16 standard blends.

SURFACE PREPARATION

Concrete must be clean, dry and profiled. Refer to the Armor-Rez SL 100 application instructions for more detailed surface preparation instructions.

PRODUCTS

- Epoxy 100 pigmented
- Epoxy 400 pigmented
- Polyurethane 100 pigmented
- Polyurethane 100 VOC pigmented
- Polyurethane 501 pigmented

PHYSICAL PROPERTIES

Compressive strength, psi (ASTM D-695):	13,500 psi
Tensile strength, psi (ASTM D-638):	2,500 psi
Flexural strength (ASTM D-790):	4,000psi
Hardness, Shore D (ASTM D-2240):	85-90
Bond strength to concrete (ACI 503.4-2,3,2):	
Concrete fails before loss of bond.	
Impact resistance (ASTM D-2794):	
160 inch pounds	
Abrasion Resistance (ASTM D-4060):	34 MG loss
(1000 gram load, 1000 cycles, CS-17 wheel)	
Flammability (ASTM E-648):	class 1
Coefficient of friction (ASTM F-1679):	.5 dry
Water absorption (ASTM D-543):	.2%

CHEMICAL RESISTANCE

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

CONCRETE MOISTURE

Calcium chloride in accordance with ASTM-F1869 or relative humidity probe testing in accordance with ASTM-F2170. In the event that test results in 3 pounds per 1000 sq. ft. per 24 hours, or 80% relative humidity, please refer to Arizona Polymer Flooring VaporSolve product information or go to www.vaporsolve.com.

INSTALLATION

Please refer to Armor-Rez SL 100 installation guidelines for information and instructions.

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.