





## TECHNICAL INFORMATION

| Physical Properties                             |                                    |
|---|------------------------------------|
| Mixing Ratio, by Volume                         | Supplied in pre-measured kits only |
| Solids Content                                  | 100%                               |
| Viscosity (cps, 77° F)                          | 400                                |
| Hardness, Shore D (ASTM D-2240)                 | 80                                 |
| Volatile Organic Compounds                      | None                               |
| Pot Life Regular Cure (one quart mass at 77° F) | 30 minutes                         |

| Cure Times Regular Cure (77 degrees) |          |
|--------------------------------------|----------|
| Dry to Touch                         | 6 hours  |
| Final Flooring Application           | 12 hours |
| Cure Times Fast Cure (77 degrees)    |          |
| Dry to Touch                         | 3 hours  |
| Final Flooring Application           | 6 hours  |

\*Pot life is reduced by increasing temperature or mass. Cure time are shortened by high temperatures and extended by cooler temperatures.

| Performance Properties  |   |
|---|---|
| Permeability, one coat over concrete at 100 sq. ft. (9.29 sq. meter) /gallon (ASTM E 96)                                      | 0.60 perms  |
| Permeability/MVT, one coat over concrete at 100 sq. ft. (9.29 sq. meter) /gallon (ASTM E 96)                                  | 1.06 lbs.(0.48 kg) /1,000 sq. ft. (92.9 sq. m) /24 hrs. |
| Adhesion to concrete and concrete primed with VaporSolve Primer (ASTM D7234)  | 500 psi (3.45 MPa) - concrete fails before loss of bond |
| Resistance to alkalinity (ASTM D 1308), film exposed to 35% solutions of potassium hydroxide and sodium hydroxide for 60 days | No visual change, 0.09% weight gain                     |

### LIMITATIONS:

- Must be applied over VaporSolve Primer if silicate contamination of the concrete is a possibility.
- Concrete must be clean and have a CSP profile of 3-4 (texture similar to 60-80 gritsandpaper).
- Must be applied at the specified film thickness.
- 100% solids epoxy coatings applied over shot-blasted, unprimed concrete may exhibit outgassing bubbles. These bubbles are self-sealing and have been proven not to reduce the effectiveness of the coating.

### 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 damages caused by application of its products over concrete with excessive moisture vapor transmission or alkalinity. 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.

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4565 W Watkins St. / Phoenix, AZ 85043 / 800.562.4921  
623.435.2277 Tel. / 623.435.8585 Fax

[www.super-krete.com](http://www.super-krete.com)

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