VaporSolve® 100 LP

TECHNICAL DATA SHEET

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 grit sandpaper).
- 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 IMPLI ED, 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.

Super-Krete® Products is a Division of Arizona Polymer Flooring, Inc.
® 2017 Arizona Polymer Flooring, Inc
4565 W Watkins St. / Phoenix, AZ 85043 / 800.562.4921
623.435.2277 Tel. / 623.435.8585 Fax
www.super-krete.com