SK-P500

TECHNICAL DATA SHEET

APPLICATION RECOMMENDATIONS & COVERAGE:

SK-P500 should be applied 200-350 sq. ft. per gallon by brush, roller or airless sprayer. Applications heavier than 200 sq. ft. per gallon will create bubbles in the cured coating. Thin with small amounts of water if necessary during application to keep a low viscosity. Material can be re-coated as soon as it has become tack free, usually 2-3 hours.

RE-COAT INFORMATION:

SK-P500 has excellent adhesion to itself for an indefinite period. However, the surface to be re-coated must be clean and free of contaminants which may interfere with bonding.

SHELF LIFE:

SK-P500 has a shelf life of 1 year when properly stored in an unopened container. Materials should be stored at 55°-90° and no greater than 50% humidity. Ensure all lids are tightly sealed to ensure the longest lasting shelf-life.

PRECAUTIONS:

- *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 Safety Data Sheet before using.
- *Slip and 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.

TECHNICAL INFORMATION:

Physical Properties	
Mixing Ratio, by Volume	4-1
Solids Content, by Weight	48%
VOC, grams/liter	50
Pot Life (77 degrees, 1 quart mass)	3 hours
Pot Life (90 degrees, 1 quart mass)	1 hour

** Pot Life is reduced by increasing temperature and/or mass.*

Cure Times (77 degrees)	
Dry to Touch	2 hours
Light Traffic	4.6 hours
Full Cure	7 days

Performance Properties	
Gloss (60 degrees)	88
Tabor Abrasion – 1000 gm. Load cycles, CS 17 wheel	45 mg. loss

Super-Krete® Products is a Division of Arizona Polymer Flooring, Inc.
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CHEMICAL AND STAIN RESISTANCE (ASTM D-1308 24 HOURS IMMERSION):

Urine	No effect
Blood	No effect
Whiskey	No effect
Black Ink	No effect
Brake Fluid	Severe softening
Gasoline	No effect
Skydrol	No effect
Xylene	Severe softening
MEK	Film destroyed
50% Sodium Hydroxide	No effect
10% Hydrochloric Acid	No effect
10% Sulfuric Acid	No effect
10% Acetic Acid	No effect

LIMITATIONS:

- Application rate must be kept above 200 sq. ft. per gallon to avoid curing bubbles that can occur in heavy applications.
- Application over textured surfaces such as trowel-knockdown polymer concrete must be done with a ¾ inch nap roller and pulled tightly to avoid leaving excessive product in recessed areas.
- Work life is considerably shortened over 90 degrees F.
- Do not apply material if the humidity is over 85% and ventilation is poor. Improper cure will result.
- Material not suited for vehicle areas. Use SK-P501 for these applications.

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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