

PC-Kote™ 100 System

SYSTEM DATASHEET

SYSTEM DESCRIPTION

PC-Kote 100 System is a thin film protective coating, consisting of a two component epoxy primer and a two component chemical resistant polyurethane top coat. PC-Kote 100 offers high gloss easy to clean surface, with excellent chemical and abrasion resistance.

FEATURES & BENEFITS

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

PRODUCTS

- SK-E100 Pigmented
- SK-P100 Pigmented
- SK-P100 VOC Pigmented
- SK-P501 Pigmented

SYSTEM USES

PC-Kote 100 is suitable for use in applications such as light manufacturing, warehouses, retail areas and garage floors.

COLORS

Available in 16 standard colors.

PHYSICAL PROPERTIES

Gloss (60 degrees)	90-95
Hardness (sward)	30
Tabor abrasion (1000 gm load, 1000 cycles, CS-17 wheel)	34 mg. loss
Flexibility ASTM D 222	Passes 1/8 inch
Impact resistance ASTM D 2794	Passes 160 inch-pounds, direct and reverse
Flammability ASTM D 648	Class 1
Coefficient of friction ASTM F 1679	.5 dry
Water absorption ASTM D 543	.2%

CHEMICAL RESISTANCE

Please refer to the Arizona Polymer Flooring Chemical Resistance Guide for fully system chemical resistance.

SURFACE PREPARATION

Concrete must be clean, dry and profiled. Refer to the PC-Kote 100 installation instructions for more detailed surface preparation instructions.

INSTALLATION

Please refer to the "PC-Kote™ 100 System Application Instructions" for information on installing this system.

Super-Krete® Products is a Division of Arizona Polymer Flooring, Inc.

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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



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SLIP & 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.

MOISTURE VAPOR EMISSIONS PRECAUTIONS:

All concrete floors not poured over an effective moisture vapor retarder are subject to possible moisture vapor transmission that may lead to blistering and failure of the coating system. It is the coating applicator's responsibility to conduct calcium chloride testing in compliance with ASTM F1869, or relative humidity probe testing in compliance with ASTM-F2170, to determine if excessive levels of vapor emissions are present before applying any coatings. Arizona Polymer Flooring offers **S-1300 Pene-Krete®** for cementitious overlay products and **VaporSolve® Moisture Remediation** systems for resinous floor coatings. Consult our technical service department. Arizona Polymer Flooring and its sales agents will not be responsible for coating failures due to undetected moisture vapor emissions.

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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