

DESCRIPTION:

SK-E550 is a high solids, low odor material designed as a base coat for color chip flooring. SK-E550 is formulated with an unusually high pigment loading for excellent substrate hide in a one coat application. This allows the contractor to omit the normally used primer and saves a trip to the jobsite. SK-E550 adheres tenaciously to damp or dry concrete and gives the contractor ample open time for broadcasting the color chips. The material is VOC compliant in California.

USES:

- High pigment load for substrate hide
- Base coat chip binder

CHEMICAL COMPOSITION:

Modified Bisphenol A epoxy resin crosslinked with aliphatic amines.

COLORS:

Available in clear and 14 standard colors. Not available in Safety Colors.

**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.

SURFACE PREPARATION:

Surface must be clean, sound, and have a minimum 5 mil profile to closely approximate the texture of 120 grit sandpaper. Surface may be damp but standing water must be removed. Surface must be profiled by diamond grinding or acid etching. If diamond grinding, remove residual dust by high pressure water or thoroughly vacuuming. If acid etching, a floor machine with a nylogrit brush must be used and the floor neutralized with ammonia or Super Base Neutralizer. Follow the Super-Krete Products Surface Preparation Guide for surface prep instructions.

MIXING:

The mixing ratio is 1 Part A to 1 Part B by volume. Pre-mix Part A before adding Part B. Do not mix more material than can be applied in 90 minutes at 77°F. Higher temperatures reduce work time. **Proportion the two components carefully and mix for 2 minutes using a drill mixer being sure to scrape the bottom and sides of the mixing vessel.**

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

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SK-E550 032717



APPLICATION RECOMMENDATIONS & COVERAGE:

Material should be poured from the mixing pail and spread using a flat trowel or squeegee at the rate of 150-200 sq. ft. depending upon the porosity of the concrete. A mechanic wearing spiked shoes should walk onto the wet material and back-roll using a ½ inch roller nap. Brush trim the edges. The goal is to distribute the material evenly to completely hide the substrate. If concrete shadows appear, apply additional product and back-roll. Broadcast the color chips into the wet material within 30 minutes of coating application. See complete system application instructions for further details.

RECOAT INFORMATION:

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

SHELF LIFE:

SK-E550 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:* Do not breathe vapors. Use appropriate respirator with green band cartridge to protect against methyl amine vapors. 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	1-1
Solids Content, by Weight	96%
Pot Life, 1 quart mass, 77 degrees	90 minutes

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

VOC	50 gms./liter
Adhesion to Damp Concrete	375 psi, concrete fails
Cure Time for Recoating (77 degrees)	10 hours

LIMITATIONS:

- Must be applied at 150-200 sq. ft. per gallon over profiled concrete to obtain adequate substrate hide.

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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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