

# Granitex High Build System

SYSTEM DATASHEET

## SYSTEM DESCRIPTION

Granitex High Build System is a high build, vinyl paint chip flooring system. It provides a tough, easy to clean surface that is both abrasion and chemical resistant. It offers a wide range of creative possibilities with its unlimited color and size combinations. Larger chips will produce looks similar to terrazzo or granite, while smaller chips produce a hard surface carpet appearance.

## FEATURES & BENEFITS

- Low odor
- Low VOC
- Chemical resistant
- Abrasion resistant
- Impact resistant
- Qualifies for LEED projects

## PRODUCTS

- S-8420 Granitex Color Chips
- SK-E100 Pigmented
- SK-E200 Pigmented
- SK-E400 Pigmented
- SK-E400 Clear
- SK-P100 Clear
- SK-P100 VOC Clear
- SK-P501 Clear

## SYSTEM USES

Granitex High Build System is suitable for light manufacturing, warehouses, automotive service areas and laboratories.

## COLORS

Available in 12 standard blends.

## PHYSICAL PROPERTIES

Compressive strength, psi ASTM D 695	13,500 psi.
Tensile strength, psi ASTM D 638	2,500 psi.
Flexural strength ASTM D790	4,000 psi.
Hardness, Shore D ASTM D 2240	85-90
Bond strength to concrete ACI 503.4-2,3.2	Concrete fails before loss of bond
Impact resistance ASTM D 2794	Passes 160 inch pounds
Abrasion resistance ASTM D4060 (1000 gram load, 1000 cycles, CS-17 wheel)	34 mg. loss
Flammability ASTM D 648	Class 1
Coefficient of friction ASTM F 179	.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.

## INSTALLATION

Please refer to the "Granitex High Build System Application Instructions" for information on installing this system.

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

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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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