

ColorChrome[®] FC System

SYSTEM DATASHEET

SYSTEM DESCRIPTION

ColorChrome FC System is a metallic, seamless resinous flooring system. This designer flooring system possesses a truly unique three-dimensional appearance that can vary from soft and subtle to striking and vivid. The use of high-performance Polyaspartic / Polyurea resins makes ColorChrome FC an exceptionally durable and long lasting flooring system. ColorChrome FC is designed for any commercial or residential application where a UV-stable, fast curing, durable and elegant floor is desired. These types of areas may include dining areas, restrooms, bars and night clubs, commercial interiors, sporting venues, residential interiors and garage floors.

FEATURES & BENEFITS

- Seamless surface
- Abrasion resistant
- Chemical resistant
- Easily cleaned
- Excellent aesthetics
- Suitable for exterior applications
- Qualifies for LEED projects

PRODUCTS

- ColorChrome[®] Pigment
- Primers:
SK-P7500, SK-P7500 VOC
- Base resin: SK-P5000
- Top coat:
SK-P5000, SK-P5000 Fast Cure,
SK-P7500, SK-P7500 VOC

SYSTEM USES

ColorChrome FC System is ideal for interior and exterior commercial and residential applications.

COLORS

Available in 20 standard colors.

PHYSICAL PROPERTIES

Tensile strength ASTM D 638	4,700 psi.
Ultimate elongation % ASTM D 638	25
Compressive yield strength ASTM D 695	9,850 psi.
Ultimate compressive strength ASTM D 695	19,501 psi.
Ultimate Flexural Strength ASTM D 790	7,200 psi.
Hardness, Shore D ASTM D 2240	60
Abrasion Resistance ASTM D 4060	39 mg. loss
Bond Strength to Concrete (ACI 503.4-2.3.2.2)	Concrete fails before loss of bond

CHEMICAL RESISTANCE

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

INSTALLATION

Please refer to the **ColorChrome[®] FC System Application Instructions** for information on installing this system.

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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.

