

## SYSTEM DATASHEET: COLORCHROME FC SYSTEM

### SYSTEM DESCRIPTION

ColorChrome FC 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.

### PRODUCT USES

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 Use

### COLORS

ColorChrome FC is available in 20 standard colors. Please refer to our Standard Color Chart.

### SURFACE PREPARATION

Concrete surface must be cleaned and profiled. Refer to the detailed ColorChrome installation instructions for more information.

### PRODUCTS

Pigment: ColorChrome Pigment

Primers: Polyaspartic 7500, Polyaspartic 7500 VOC

Base resin: Polyurea 5000

Top coat: Polyurea 5000 Polyurea 5000 FC, Polyaspartic 7500, Polyaspartic 7500 VOC

### 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

Refer to Arizona Polymer Flooring Chemical Resistance Guide for full system chemical resistance.

### CONCRETE MOISTURE

Calcium chloride in accordance with ASTM-F1869 or relative humidity probe testing in accordance with ASTM-F2170. In the event that test results in 3 pounds per 1000 sq. ft. per 24 hours, or 75% relative humidity, please refer to Arizona Polymer Flooring VaporSolve product information or go to [www.vaporsolve.com](http://www.vaporsolve.com).

### INSTALLATION

Please refer to ColorChrome System installation guidelines for information and instructions.

### 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.*