



### PRODUCT DESCRIPTION

The Protector Flakes system makes concrete flooring as beautiful as it is practical and cost-effective. Color Flakes, also commonly referred to as chips, flakes, flecks, or epoxy flake systems, utilize a unique product that is integrally pigmented, brilliantly colored, and random in shape and size. You can use custom blends with infinite possibilities to achieve optimal appearance and texture qualities with a epoxy floor coating that is great for garages, commercial spaces, and more. Color Flakes resinous flooring media is available in over 150 solid color-styles and six standard sizes that can be blended, mixed, and matched to customize your floor and compliment any decor. For optimal strength, we use The Concrete Protector Epoxy, Urethane, and Polyaspartic products, combined with the beauty of the Color Flakes to create the perfect long term solution to all your flooring needs.

### BENEFITS:

- Specially blended colored aggregates create a variety of decorative colored looks
- Economical and 100% Renewable
- Durable
- Easy to Maintain
- Improves Traction
- Increases Safety
- Creates a Granite Look

### TYPICAL USES:

- Garages
- Basements
- Commercial Areas
- Restrooms and Locker Rooms
- Schools
- Bathrooms
- Kitchens
- Anywhere an aesthetic concrete resurface is required

### APPLICATION

#### Surface Preparation

This product requires surface preparation by shot blasting and / or grinding to ensure optimal performance. The surface should be free from any contaminates and any termination point should end with a saw cut.

### PHYSICAL PROPERTIES

#### Typical Data

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions. Refer to individual The Concrete Protector component product data sheets for complete physical properties.

TEST NAME	METHOD	VALUE
<b>COLOR</b>		Various Standard and Custom Colors
<b>VOC (Volatile Organic Content):</b>		Refer to individual Product Component Data Sheet
<b>ADHESION TO CONCRETE:</b>	elcometer (concrete failure, no delaminating)	435pli
<b>COMPRESSIVE STRENGTH:</b>	ASTM D695	11,900 psi
<b>HARDNESS:</b>		Shore D=82
<b>TENSILE STRENGTH:</b>	ASTM D638	6,200 psi
<b>ABRASION RESISTANCE:</b>		1000 gram total load and 500 cycles = 4.6 mg loss

### INSTALLATION

Protector Flakes material components are mixed on site. Refer to the detailed installation instruction manual or a Business Development Representative of The Concrete Protector.

### CLEAN UP

Tools and equipment should be cleaned with acetone, xylene, or other type of solvent.

### MAINTENANCE

Protector Flakes Systems are easily cleaned with neutral soaps or detergents. Pressure washing with water is also an option.

### TECHNICAL SERVICE

The Concrete Protector provides services and consultations on material selection, specification, troubleshooting, and other information regarding the proper repair and protection of concrete surfaces.

Telephone 567-297-3700 or visit [www.theconcreteprotector.com](http://www.theconcreteprotector.com)

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