

Decorative Flake



DESCRIPTION – Polymer ColorFlakes, commonly referred to as flake, chips or fleck, are composed of water-based resin materials, organic minerals, additives, and various pigments. This unique product is integrally pigmented, brilliantly colored, random in shape, sized within a standardized range, and can be custom blended to achieve optimal appearance and texture qualities with a resinous flooring or wall-coating system.

ColorFlakes resinous performance flooring materials are available in over 150 color-styles and three standardized sizes (1/4" macro, 1/8" and 1/16" (micro)) that can be mixed and matched to custom design your floor and enhance any décor. Other sizes are available.

SYSTEM ADVANTAGES

• Custom blending and color matching	• Flake texture provides anti-slip qualities
• Over 150 color styles available	• Non-flammable
• Water-based chemistry	• Optimal flexibility and strength
• Colorfast, UV stable pigments	• Easy and fast application
• Custom blend matching expertise	• Lab tested resin compatibility
• No minimum order quantities	• Diligent quality control program

PERFORMANCE SPECIFICATIONS

Property	Test Method	Results
Color ($\Delta E \leq 0.5$)	Spectrophotometer (ASTM E1866)	Pass
Dry Film Thickness Gauge	Micrometer (ASTM D1005)	~5 mils
Shape	Visual Evaluation (ASTM D4086)	Random
Odor	Olfactory (ASTM D1296)	Odorless
Surface Texture	Leveling Draw-Down (ASTM D4062)	Smooth
Metamerism	Spectrophotometer (ASTM E1866)	Nonmetameric
Sheen	60° Gloss Meter (ASTM D523)	<15 units
Dry Film Flexibility	Mandrel Bend Test (ASTM F137)	Pass
Opacity >98%	Visual Evaluation (ASTM D6762)	Pass
Size Distribution	Normal Sieve Analysis (ASTM C136)	Pass

RESIN SYSTEM COMPATIBILITY

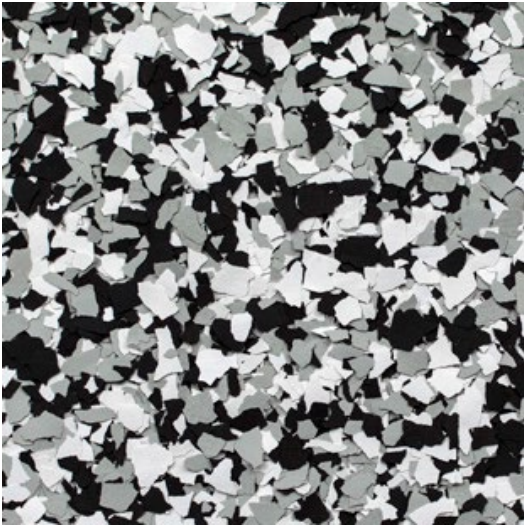
Lab-tested resin system compatibility	Results (Pass / Fail)
Epoxies	Pass
Methyl Methacrylates (MMA)	Pass
Polyaspartics	Pass
Polyureas	Pass
Polyurethanes	Pass
Solvent-based Coatings	Pass
Water-based Coatings	Pass

Unknown resin compatibility testing recommended prior to use.

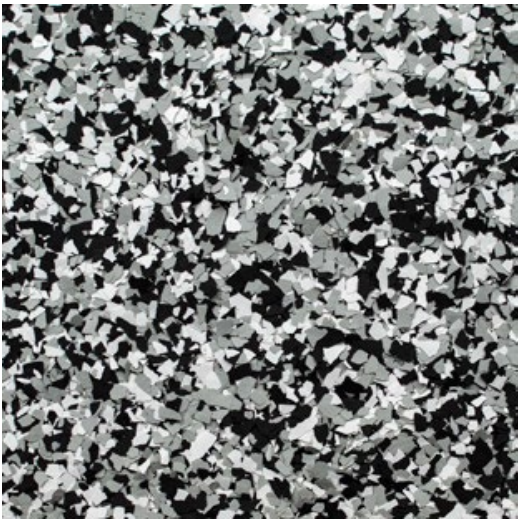
GENERAL PRODUCT INFORMATION

STORAGE:	Product should be stored indoors between 65°F [18°C] and 90°F [32°C], in an air tight poly-bag to avoid moisture, humidity and product damage.
COVERAGE RATE:	0.2 lbs [0.09 kg] per 1 ft ² [0.09 m ²]
PACKAGING OPTIONS:	50# box
LIMITATIONS:	Flake are random in shape to provide optimal aesthetics. The colorfast pigments used in the flake are UV stable; however, the specifications for the UV stability and environmental durability of your coating system will determine outdoor suitability. Due to inherent product characteristics, a small amount of finer particles will be present within each box.

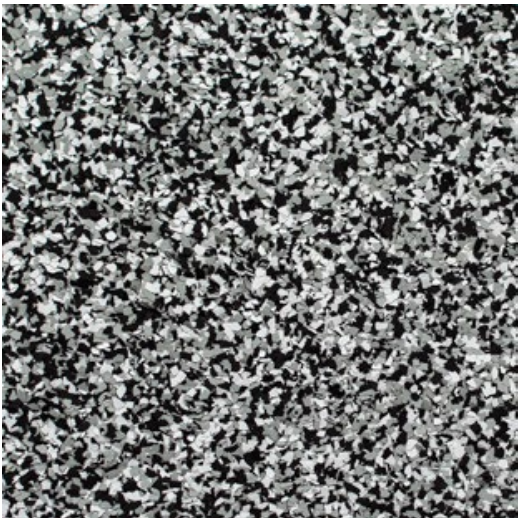
SIZE PROFILES:



1/4"



1/8"



1/16"

TECHNICAL SUPPORT

For any preparation or application questions, please call Tennant technical support at 800-228-4943, option 3 (US & Canada), 800-832-8935 (International).

DISPOSAL

Dispose of all excess material, packaging and other waste in accordance with federal, state and local regulations.

MAINTENANCE GUIDELINES

Allow floor coating to cure at least one week before cleaning by mechanical means (e.g., sweeper, scrubber, disc machine).

Care: Proper maintenance will increase the life and help maintain the appearance of your new Tennant floor coating. Sweep and scrub your new coating regularly, as dirt and dust are abrasive and can quickly dull the finish, decreasing the life of your coating. Remove spills quickly as certain chemicals may stain and could possibly permanently damage the finish.

Use soft nylon brushes or white pads on your new floor coating. Any brush more abrasive than a soft nylon or white pad can cause premature loss of gloss.

Detergent: Tennant has a full range of detergents--general purpose to heavy duty--for your cleaning needs. For assistance in determining which detergent is right for your facility or for additional technical information call: 800-228-4943, option 3 (US & Canada), 800-832-8935 (International).

Caution: Avoid scratching or gouging the surface. All floor coatings will scratch if heavy objects are dragged across the surface.

Do not drop heavy or pointed items on the floor as this may causing chipping or concrete popouts in the case of a weak cap.

Rubber tires can permanently stain the floor coating from plasticizer migration. Plexiglass® between the tire and the floor coating can prevent discoloration.

Rubber burns from quick stops and starts can heat the coating to its softening temperature, causing permanent marking.

Repair: Repair gouges or scratches or chip outs as soon as possible to prevent moisture or chemical contamination.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

Tennant offers a limited warranty on all products. Please see the Tennant Coatings Limited Product Warranty Statement on our website at www.tennantcoatings.com/warranty. Please contact the Tennant Coatings Technical Support team for additional questions at 800-228-4943, option 3 (US & Canada), 800-832-8935 (International).