

# FLAKE FLOOR CHIPS

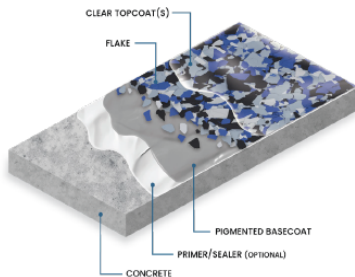
C3 POLYMER FLAKE, chips or fleck, are composed of water-based resin materials, organic minerals, additives, and various pigments. This unique product is integrally pigmented, brilliantly coloured, random in shape, sized within a standardized range, and can be custom blended to achieve optimal appearance and texture qualities with a resinous flooring or wall-coating system.

FLAKE resinous performance flooring materials are available in a variety of colour-styles and sizes that can be mixed and matched to custom design your floor and enhance any décor.

## PERFORMANCE SPECIFICATIONS

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

## TYPICAL FLAKE SYSTEM



For best results, a clear topcoat is recommended to fully encapsulate the FLAKE and provide a durable wearing surface.

## PRODUCT LIMITATIONS

- FLAKE are random in shape to provide optimal aesthetics.
- The colorfast pigments used in 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.



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## STORAGE

Store Flake in an airtight poly-bag in a dry environment at room temperature to avoid moisture, humidity and product damage.

## SYSTEM ADVANTAGES

- Custom blending & colour matching
- Flake texture provides anti-slip qualities
- A range of colour styles in stock
- Non-flammable
- Water-based chemistry
- Optimal flexibility & strength
- Easy and fast application
- Lab tested resin compatibility

## RESIN SYSTEM COMPATIBILITY

Lab-tested resin system compatibility (Pass/Fail)

<b>Epoxies</b>	Pass
<b>Methyl Methacrylates (MMA)</b>	Pass
<b>Polyaspartics</b>	Pass
<b>Polyureas</b>	Pass
<b>Polyurethanes</b>	Pass
<b>Solvent-based Coatings</b>	Pass
<b>Water-based Coatings</b>	Pass

Unknown resin compatibility testing recommended prior to use.

## APPLICATION SPECIFICATIONS

Typical flake flooring application coverage rates for ¼" flake:

Full Coverage:

1-2 Square meters per Kg

Partial Coverage:

2.5-25 Square meters per Kg

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