



PRODUCT DATA SHEET

PROD. #2122, 2123, 2124 & 2125

DECORATIVE FLOOR CHIPS



PRODUCT DESCRIPTION

Richard's Decorative Floor Chips make resinous flooring as beautiful as it is practical and cost-effective. Commonly referred to as **chips, flake or fleck**, they are composed of water-based resin materials, inorganic minerals, additives and various pigments. This unique product is integrally pigmented, brilliantly colored, random in shape, sized within a standardized range and custom blended with infinite options to achieve optimal appearance and texture qualities with a resin-based flooring or wall-coating system. Use these color chips to coordinate your floors and walls décor. **Richard's Decorative Floor Chips** gives you the ability to custom design blends to match or accent any color-scheme. Either choose from one of our signature blend designs or creatively mix and match different colors to develop a unique color array that best fits your project.

PRODUCT FEATURES	PRODUCT USES	PERFORMANCE QUALITIES	SYSTEM COMPATIBILITY
<ul style="list-style-type: none"> Water-Based Chemistry Non-Flammable Optimal Flexibility Excellent Durability Forgiving Application Colorfast UV Stable Product Versatility Easy to Apply 	<p><i>For use in Seamless, Resin-based Flooring Systems;</i> INTERIOR / EXTERIOR</p> <p>Garage Floors Grocery Stores Aircraft Hangers Churches Bars & Taverns Commercial Buildings Hospitals Offices Schools Nightclubs And much more...</p>	<p>Product Quality: Premium / Best Product Use: Interior / Exterior Application: Hand Broadcasting, Hopper Gun Product System: Vinyl Color Chips Finish: N/A</p>	<ul style="list-style-type: none"> Epoxy Coatings Polyurethane Coatings Polyurea Coatings Various Polymers MMA Polyaspartic And others... <p><i>It is recommended to test unknown resins prior to use..</i></p>

SYSTEM SPECIFICATION

APPLICATION

Floor Application Coverage Rate

Flake Size	Full	Partial
1/4"	5-7	25-200 ft ² /lb.

Coverage rates vary depending on customer preferences and application techniques. Richard's does not guarantee exact coverage rates.

Floor Application Methods

Hand Broadcasting:



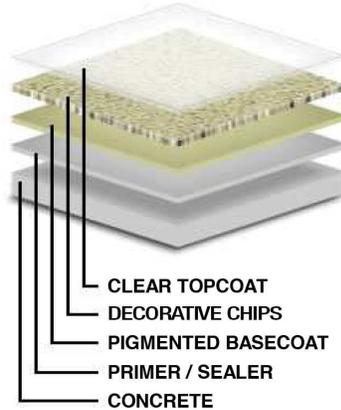
Pneumatic Hopper-Blower Gun:



TYPICAL SYSTEM CHARACTERISTICS

Typical System

Approximate dry film thickness: 15 – 30 mils



For best results 10 – 15 mils of a clear top-coating is recommended to fully encapsulate the decorative chips and provide a durable wearing surface.

PRODUCT LIMITATIONS

- Although the colorfast pigments in the color chips are UV stable, 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.
- Store color chips in an air tight poly-bag in a dry environment at room temp. to avoid moisture, humidity and product degradation.
- Do Not Apply Color Chips In Rainy Conditions.

CHARACTERISTICS

- COLORS:** (Spectrophotometer)
ASTM E1866 Pass
- 2122 – Blue / Gray / Black / White
2123 – Green / Gray / Black / White
2124 – Brown / Tan / Black / White
2125 – Gray / Black / White
- SHAPE:** (Visual Evaluation)
Random Pass
- SHEEN:** (60° Gloss Meter)
< 15 Units Pass
- ODOR:** (Olfactory Evaluation ASTM D1296)
Odorless Pass
- SURFACE TEXTURE:** (Visual Evaluation)
Smooth Pass
- DRY FILM THICKNESS:** (ASTM D1005)
Mils Dry 4 – 5 mils
- FLEXIBILITY:** (Mandrel Bend test ASTM F137)
Interior Angles ≤ 110° Pass
- HIDING:** (Visual Evaluation ASTM D672)
Opacity > 98% Pass
- METAMERISM:** (Visual ASTM D4086)
Nonmetameric Pass