



# PRODUCT DATA SHEET

## 3120 SERIES

### ENDURA TREAD DECORATIVE FLOOR CHIPS



#### PRODUCT DESCRIPTION

EnduraTread 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. **EnduraTread 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"> <li>Water-Based Chemistry</li> <li>Non-Flammable</li> <li>Optimal Flexibility</li> <li>Excellent Durability</li> <li>Forgiving Application</li> <li>Colorfast</li> <li>UV Stable</li> <li>Product Versatility</li> <li>Easy to Apply</li> </ul>	<p><i>For use in Seamless, Resin-based Flooring Systems;</i>  <b>INTERIOR / EXTERIOR</b></p> <p>Garage Floors    Grocery Stores            Aircraft Hangers    Churches            Bars &amp; Taverns    Commercial Buildings            Hospitals    Offices            Schools    Nightclubs            And much more...</p>	<p><b>Product Quality:</b> Premium / Best  <b>Product Use:</b> Interior / Exterior  <b>Application:</b> Hand Broadcasting, Hopper Gun  <b>Product System:</b> Vinyl Color Chips  <b>Finish:</b> N/A</p>	<ul style="list-style-type: none"> <li>Epoxy Coatings</li> <li>Polyurethane Coatings</li> <li>Polyurea Coatings</li> <li>Various Polymers</li> <li>MMA</li> <li>Polyaspartic</li> <li>And others...</li> </ul> <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
¼"	5-7	25-200 ft <sup>2</sup> /lb.

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

##### Floor Application Methods

Hand Broadcasting:



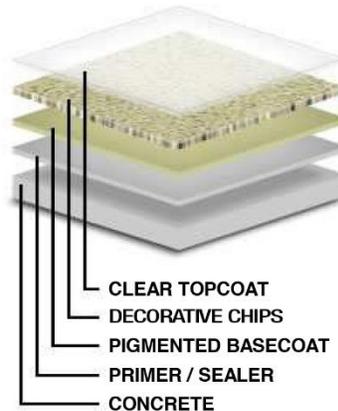
Pneumatic Hopper-Blower Gun:



##### TYPICAL SYSTEM CHARACTERISTICS

##### Typical System

Approximate dry film thickness: 15 – 30 mils



For best results 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 container.
- Store color chips in an air tight poly-bag in a dry environment at room temperature to avoid moisture, humidity and product degradation.
- Do Not Apply Color Chips In Rainy Conditions.

##### CHARACTERISTICS

- COLORS:** (Spectrophotometer)  
ASTM E1866    Pass
- 3120.2 – Blue / Gray / Black / White  
3120.3 – Green / Gray / Black / White  
3120.4 – Brown / Tan / Black / White  
3120.5 – 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