



PRODUCT DATA SHEET

Recreational Flakes

For use in Seamless, Resin-based Flooring Systems

For more information, please visit our website at: [www.concretefloorsupply.com](http://www.concretefloorsupply.com)

I. PRODUCT AND MANUFACTURER IDENTIFICATION

<b>Product Name</b>	<i>Recreational Flakes</i>	
<b>Manufacturer</b>	Concrete Floor Supply.	
<b>Address</b>	13024 2 <sup>nd</sup> Street Suite A Grandview, MO 64030 U.S.A.	
<b>Emergency Phone</b>	816-599-2319	
<b>Information Phone</b>	816-599-2319	
<b>Email</b>	concretemarketingsupply@gmail.com	
<b>Website</b>	<a href="http://www.concretefloorsupply.com">www.concretefloorsupply.com</a>	<b>Date Revised</b> November 9, 2016

II. DESCRIPTION

Recreational Flakes, also known as color chips, flake or fleck 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.

III. RECREATIONAL FLAKE ADVANTAGES

- Custom design to match any décor
- 15 color-styles "in-stock"
- Non-flammable
- Water-based chemistry
- Optimal flexibility & strength
- Colorfast, UV stable pigments
- Forgiving application
- Fast turnaround times
- Hide sub-surface imperfections
- Six standard sizing options
- Infinite custom-blending options
- Custom blend-matching expertise
- Lab tested resin compatibility
- Suitable in many environments
- Custom packaging & label options
- No minimum order quantities
- Diligent quality control program

#### IV. RECREATIONAL FLAKE CHARACTERISTICS

Color	Spectrophotometer ASTM E1866 E ≤ 1.0 Pass
Dry Film Thickness	Micrometer ASTM D1005 Mils Dry 4-5 mils
Shape	Visual Evaluation Random Pass
Odor	Olfactory Evaluation ASTM D1296 Odorless Pass
Surface Texture	Visual Evaluation Smooth Pass
Metamerism	Visual Evaluation ASTM D4086 Nonmetameric Pass
Sheen	60° Gloss Meter ASTM D523 <15 units Pass
Dry Film Flexibility	Mandrel Bend Test ASTM F137* Interior Angle ≤ 110° Pass
Hiding Power	Visual Evaluation ASTM D6762 Opacity > 98% Pass

#### V. SIZING OPTION



1"



1/8"



1/2"



1/16"



1/4"



1/32"

#### VI. RECREATIONAL COLOR INDEX

B-127: Grey, Beige, White, Black

B-421: Beige, White, Black, Brown

B-223: Red, Black, White

B-517: Tile Brown, Tan, Black, White

B-310: Grey, Blue, White, Black

B-518: Brown, Black, White, Beige

B-325: Beige Brown, Dark Brown, Tile Brown, White

B-606: Grey, White, Black, Orange

B-331: Grey, Black, Green, White

B-614: White, Black, Tan/Beige, Dark Brown

B-332: Yellow, Grey, Black, White

B-616: Black, White, Dark Grey, Medium Grey

B-411: Black, Grey, White

B-715: Black, Dark Grey, Medium Grey

B-414: Grey, Dark Grey, White

## VII. RECREATIONAL FLAKE APPLICATION

Full Broadcast: 12% of your square footage using ¼" Flake

Medium Broadcast: 4lb per 250 square feet using ¼" Flake

Light Broadcast: 1lb per 250 square feet using ¼" Flake

*\*\*Coverage rates may vary depending on customer preferences and application techniques. Concrete Floor Supply does not guarantee exact coverage rates.*

### Floor Application Methods:

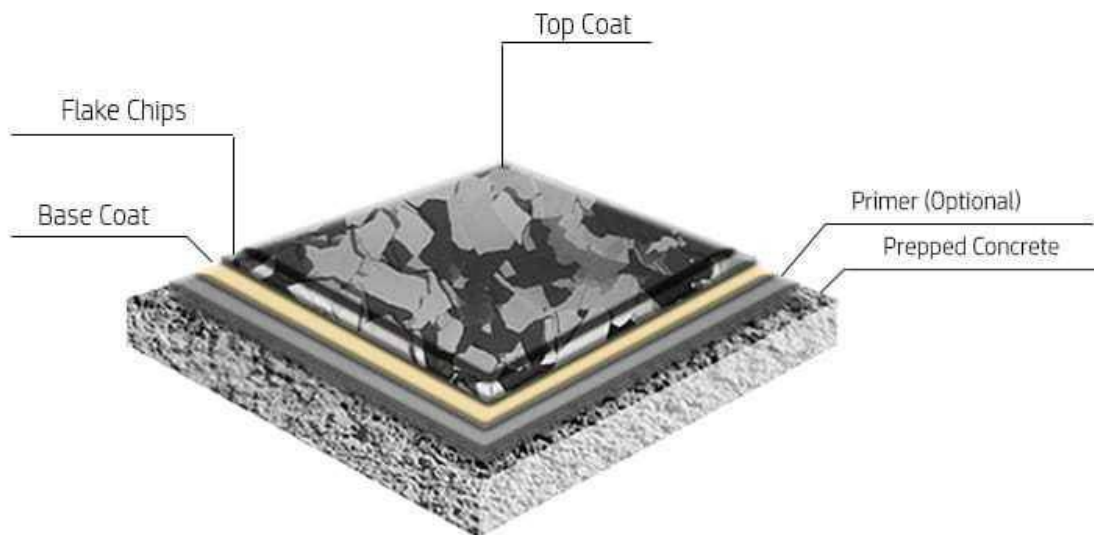
Hand Broadcasting



Hopper-Blower Gun



### Typical System Outline:



## VIII. SYSTEM COMPATIBILITY

Epoxy	Polyurethane
Polyurea	Polyaspartics
Various Polymers	MMA

## VIII. PRODUCT LIMITATIONS

- Recreational Flakes are random in shape due to the manufacturing process.
- Although the pigments in Recreational Flakes are UV stable, the specifications for UV stability and environmental durability of your coating system will determine outdoor suitability.
- Due to inherent product characteristics, a small number of finer particles will be present within each box
- Do Not apply Recreational flakes in the rain

## X. STORAGE

Store Recreational Flakes in an air tight poly-bag in a dry environment at room temperatures. This will to avoid moisture, humidity and product degradation.

## XI. RECOMMENDED USES

Aircraft Hangers	Auto Dealerships
Banquet Halls	Bars, Pubs and Taverns
Basements	Bathrooms
Bowling Alleys	Butcher Shops
Cafeterias	Churches
Clean Rooms	Commercial Kitchens
Dog Kennels	Garage Floors
Greenhouses	Grocery Stores
Hallways	Hospitals
Industrial Hallways	Labs
Laundromats	Lunch Rooms
Locker Rooms	Night Clubs
Offices	Pet Stores
Restaurants	Show Rooms
Zoos	Stadiums
Schools	And more....