

# LEGGARI FLAKES

## Technical Data Sheet

### PRODUCT DESCRIPTION

Leggari Flakes 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. FLAKE resinous performance flooring materials are available in 10 color-styles that can be mixed and matched to custom design your floor and enhance any decor.

#### ADVANTAGES

- Custom blending and color matching
- Flake texture provides anti-slip qualities
- 10 color styles in stock
- Non-flammable
- Water-based chemistry
- Optimal flexibility & strength
- Colorfast, UV stable pigments
- Lab-tested resin compatibility
- Custom packaging and label options
- No minimum order quantities
- Diligent quality control program

#### RESIN SYSTEM COMPATIBILITY

##### Lab-tested resin system compatibility (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.

#### PERFORMANCE SPECIFICATIONS

<b>Color (<math>\Delta E \leq 0.5</math>)</b>	Spectrophotometer (ASTM E1866)	Pass
<b>Dry Film Thickness Gauge</b>	Micrometer	~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 D6762)	Pass
<b>Opacity &gt; 98%</b>	Visual Evaluation (ASTM D6762)	Pass

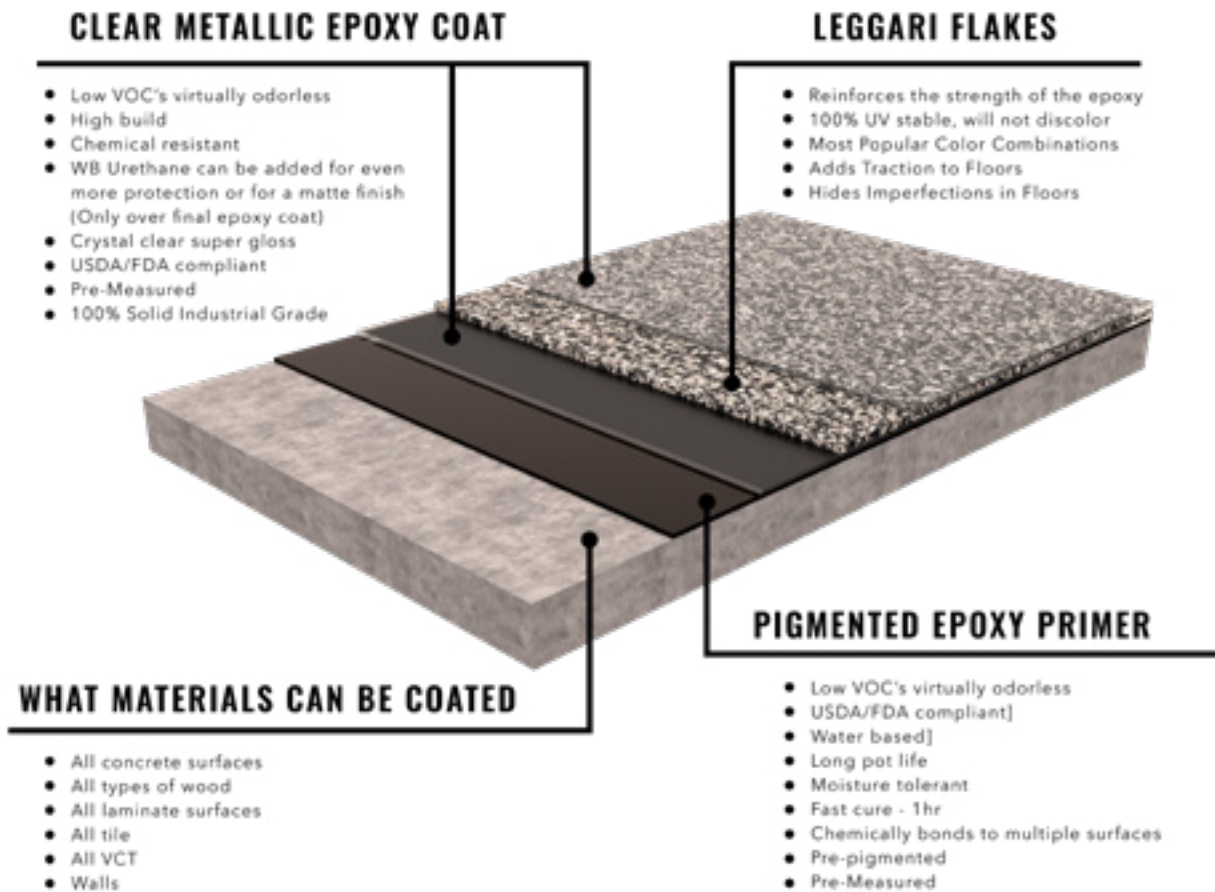
#### COVERAGE

- 1/4" Flake Size:**
- Full coverage: 5 - 7 SF/LB
  - Partial coverage: 25 - 250 SF/LB

NOTE: Application rates vary depending on application techniques.



## FLAKE SYSTEM



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

### LIMITATIONS

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

### STORAGE

Store Leggari Flakes in an air tight poly-bag in a dry environment at room temperature to avoid moisture, humidity, and product damage.

### DISCLAIMER

PRODUCT FAILURE DUE TO IMPROPER INSTALLATION OR DEVIATION FROM THE RECOMMENDED USES &/OR APPLICATIONS WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR/INSTALLER TO COVER THE PRODUCT COST, AND LABOR.

IN THE CASE OF A PRODUCT DEFECT BEING THE REASON, A JOINT WARRANTY WOULD COME INTO EFFECT. IF THIS WERE TO TAKE PLACE LEGGARI PRODUCTS LLC WOULD REPLACE THE PRODUCTS SOLD (NOT TOOLS & EQUIPMENT) AND THE CONTRACTOR OR INSTALLER WOULD COVER THE LABOR.

Prepared by:  
Revision Date:

LEGGARI PRODUCTS LLC  
JANUARY 1, 2023

