

# UV+FLAKE™

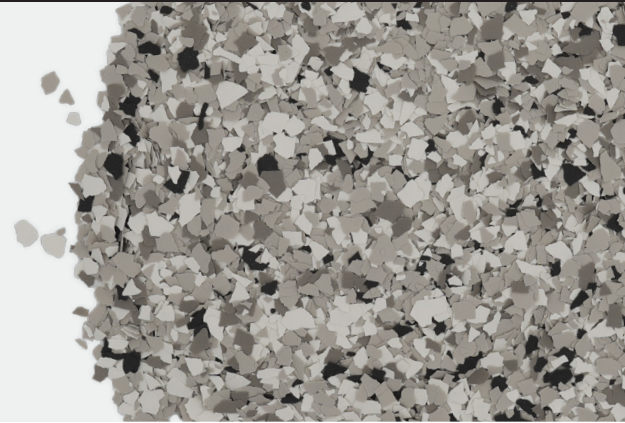


## DESCRIPTION

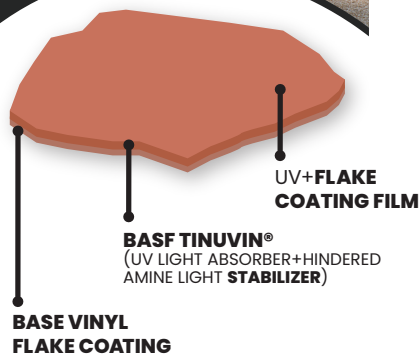
UV+FLAKE is uniquely formulated to improve color stability of FLAKE™ for use in outdoor spaces. This specialty line of FLAKE contains Tinuvin® UV Absorbers from BASF to improve UV stability and reduce risk of discoloration due to sun exposure.

Use UV+FLAKE in spaces with direct and indirect sun exposure for improved color stability and longevity of your floor.

Choose from a selection of 36 blends, thoughtfully crafted for outdoor spaces.



**UV+FLAKE  
ILLUSTRATION**



## FEATURES & BENEFITS

- ✓ Advanced formulation with BASF Tinuvin® light Absorbers.
- ✓ UV+FLAKE is available in 36 pre-designed blends or create your own using our solid colors.
- ✓ Formulated with inorganic pigments derived from natural materials.
- ✓ Ideally suited for outdoor concrete coating applications when paired with color stable and weather resistant coatings.
- ✓ Excellent long-term color performance and durability; color  $\Delta E < 2.0$  after 1,000 hour Q-Sun Xenon Arc test.

**DISCLAIMER:** The information set forth in this Technical Data Sheet represents typical properties of the product described; the information and typical values are not specifications. Torginol, Inc. makes no representation or warranty concerning the products, expressed or implied, by this Technical Data Sheet.

**ENHANCING  
EVERYDAY  
SPACES™**

# SOLID COLORS

UV+ Flake is available in 1/4", 1/8", 1/16" sizes.



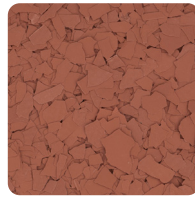
**Beige**  
UVF1045



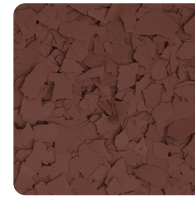
**Camelback**  
UVF5307



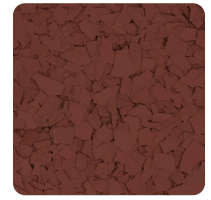
**Latte**  
UVF6602



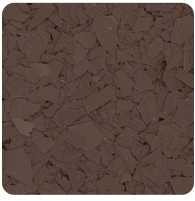
**Rustic Red**  
UVF5935



**Gravy**  
UVF9982



**Redwood**  
UVF9996



**Dark Brown**  
UVF5501



**Scone**  
UVF1780



**Navajo Beige**  
UVF9960



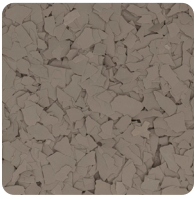
**Fossil**  
UVF9911



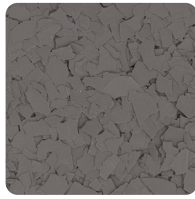
**Sticks & Stones**  
UVF5219



**Wigwam**  
UVF5116



**Adobe Beige**  
UVF1000



**Porpoise**  
UVF5306



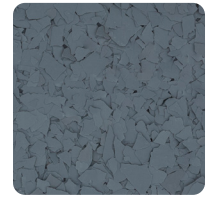
**Stone**  
UVF9987



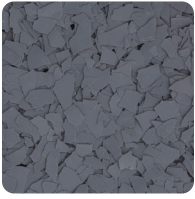
**Online**  
UVF9903



**Morning Fog**  
UVF9966



**Graphite**  
UVF1415



**Dark Gray**  
UVF9904



**Navy**  
UVF9969



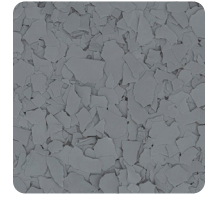
**White**  
UVF1820



**Antique White**  
UVF9959



**Rhino Gray**  
UVF2563



**Charcoal**  
UVF1090



**Ebony**  
UVF5114



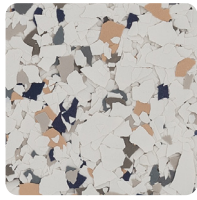
**Black Iron Oxide**  
UVF9902

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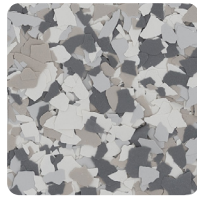
# OUTDOOR BLEND COLLECTION



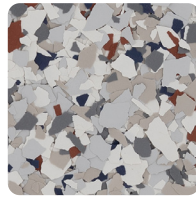
**Veranda**  
UVFB-1027



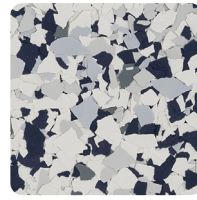
**Courtyard**  
UVFB-1028



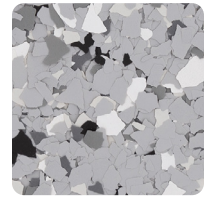
**Chalet**  
UVFB-1007



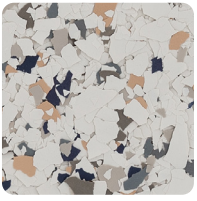
**Saltbox**  
UVFB-1008



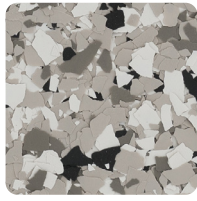
**Rooftop**  
UVFB-1025



**Homestead**  
UVFB-1009



**Cottage**  
UVFB-1006



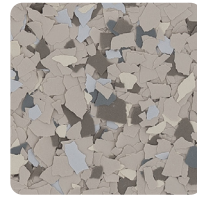
**Townhome**  
UVFB-1003



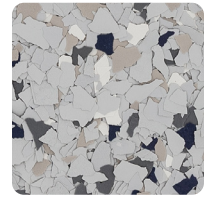
**Villa**  
UVFB-1005



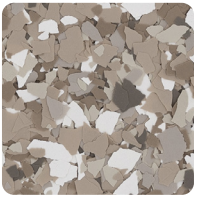
**Pueblo**  
UVFB-1001



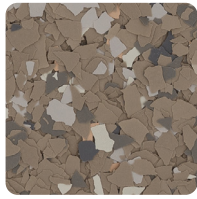
**Beach House**  
UVFB-1021



**Loft**  
UVFB-1022



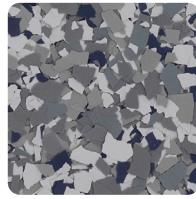
**Ranch**  
UVFB-1011



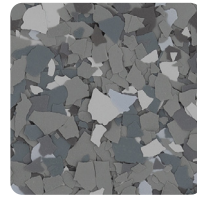
**Bower**  
UVFB-1019



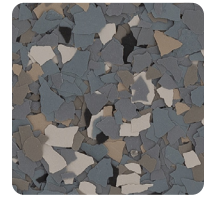
**Chateau**  
UVFB-1004



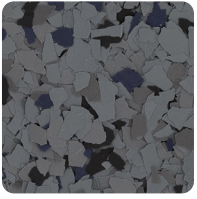
**Midcentury**  
UVFB-1002



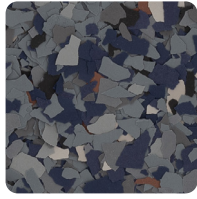
**Bungalow**  
UVFB-1010



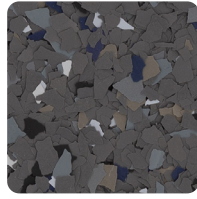
**Manor**  
UVFB-1023



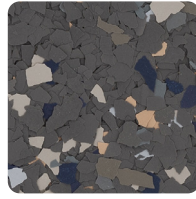
**Ironwork**  
UVFB-1024



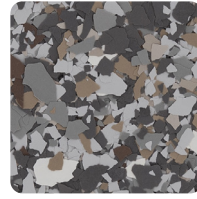
**Rowhouse**  
UVFB-1026



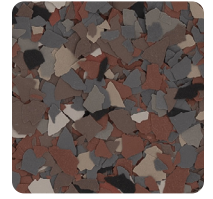
**Castle**  
UVFB-1030



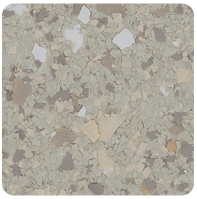
**Terrace**  
UVFB-1029



**Tudor**  
UVFB-1012



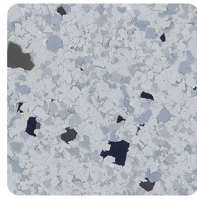
**Brownstone**  
UVFB-1020



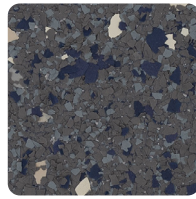
**Canopy**  
UVFB-2001



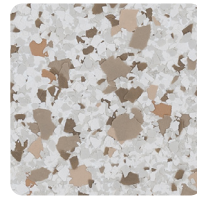
**Woodshed**  
UVFB-2002



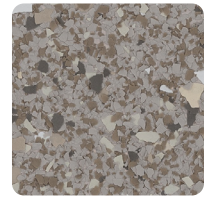
**Coach House**  
UVFB-2003



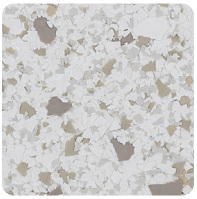
**Pergola**  
UVFB-2004



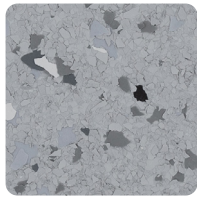
**Gazebo**  
UVFB-2005



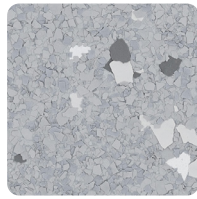
**Lodge**  
UVFB-2006



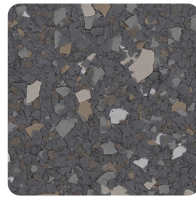
**Sunroom**  
UVFB-2007



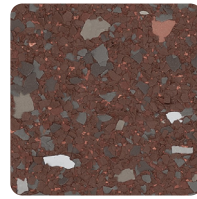
**Croft**  
UVFB-2008



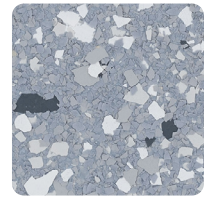
**Atrium**  
UVFB-2009



**Arbor**  
UVFB-2010



**Patio**  
UVFB-2011



**Igloo**  
UVFB-2012

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## PERFORMANCE SPECIFICATIONS

<b>Color (<math>\Delta E \leq 2.0</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

## COATING 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

**Compatible with 100% Solids, Solvent-based & Waterborne Systems**

**DISCLAIMER:** Unknown resin compatibility testing recommended prior to use.

## PACKAGING

	<b>Net Weight</b>	<b>Gross Weight</b>
<b>Unit Packaging</b> <i>Poly-lined Corrugated Cartons</i>	40 LB (18.14 KG)	44 LB (20 KG)
<b>Full Pallets</b> <i>48 Cartons (4 Layers x 12 Cartons Per)</i>	1,920 LB (870.12 KG)	2,104 LB (954.4 KG)
<b>Full Truckload</b> <i>20 Pallets (960 Cartons)</i>	38,400 LB (17,417 KG)	42,080 LB (19,087.2 KG)

## FREIGHT SHIPPING CLASSIFICATION

<b>Domestic NMFC Classification Code:</b>	156150, Class 55
<b>International Harmonized Tariff Code:</b>	3906.90.50

## COVERAGE RATE GUIDELINES Square Feet Per Pound

<b>FLAKE Sizes</b>	<b>Full SF/LB</b>	<b>Heavy SF/LB</b>	<b>Light SF/LB</b>
<b>1/4" &amp; 1/8"</b>	5-7	25-50	50-200
<b>1/16", HYBRID</b>	3-5	25-50	50-200

Coverage rate guidelines are approximations and representative in nature. Exact coverage rates will vary based on application techniques, system specifications and customer preferences.

## STORAGE

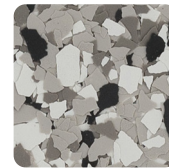
FLAKE™ should be stored in an air tight poly-bag in a dry environment at room temperature to avoid moisture, humidity, and product damage.



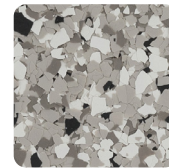
## PRODUCT LIMITATIONS

- ✓ FLAKE™ are random in shape and size; due to inherent product characteristics, a small amount of finer particles will be present within each box.
- ✓ FLAKE™ does not protect against efflorescence. For more information, please consult coating system manufacturer specifications for vapor barrier protection with exterior applications.

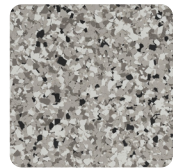
## SIZE PROFILES UVFB-1003 Townhome



1/4"



1/8"



1/16"

V25010001-h