

FLAKE™ FLOORING

Seamless. Decorative. Resilient.



DESCRIPTION

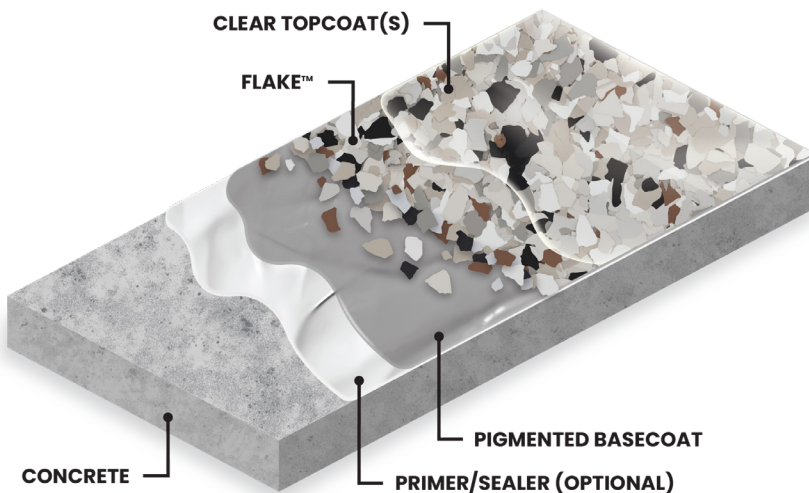
TORGINOL® POLYMER FLAKE™ are composed of water-based resin materials, organic minerals, additives, and various pigments. This unique product is integrally pigmented, brilliantly colored, random in shape, sized within a standardized range, and can be custom blended to achieve optimal appearance and texture qualities with a resinous flooring or wall-coating system.

POLYMER FLAKE™ are available in over 150 color-styles and six sizes that can be mixed and matched to custom design your floor and enhance any décor.



TYPICAL FLAKE SYSTEM

For best results, a clear topcoat is recommended to fully encapsulate the FLAKE™ and provide a durable wearing surface.



FEATURES & BENEFITS

- ✓ FLAKE™ flooring enhances everyday spaces
- ✓ Custom blends & color designs
- ✓ Sample matching expertise
- ✓ Over 150 color-styles in-stock
- ✓ Four unique sizes for optimum aesthetics
- ✓ FLAKE™ texture provides anti-slip qualities
- ✓ Water-based chemistry, zero VOC
- ✓ Formulated for optimal flexibility & strength
- ✓ UV tested lightfastness (see Color Palette ratings)
- ✓ Applies safely with speed & ease
- ✓ No minimum order quantities
- ✓ Lab-tested resin system compatibility
- ✓ Custom packaging & labeling options
- ✓ Cost effective performance flooring solution

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™**

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SOLID COLORS

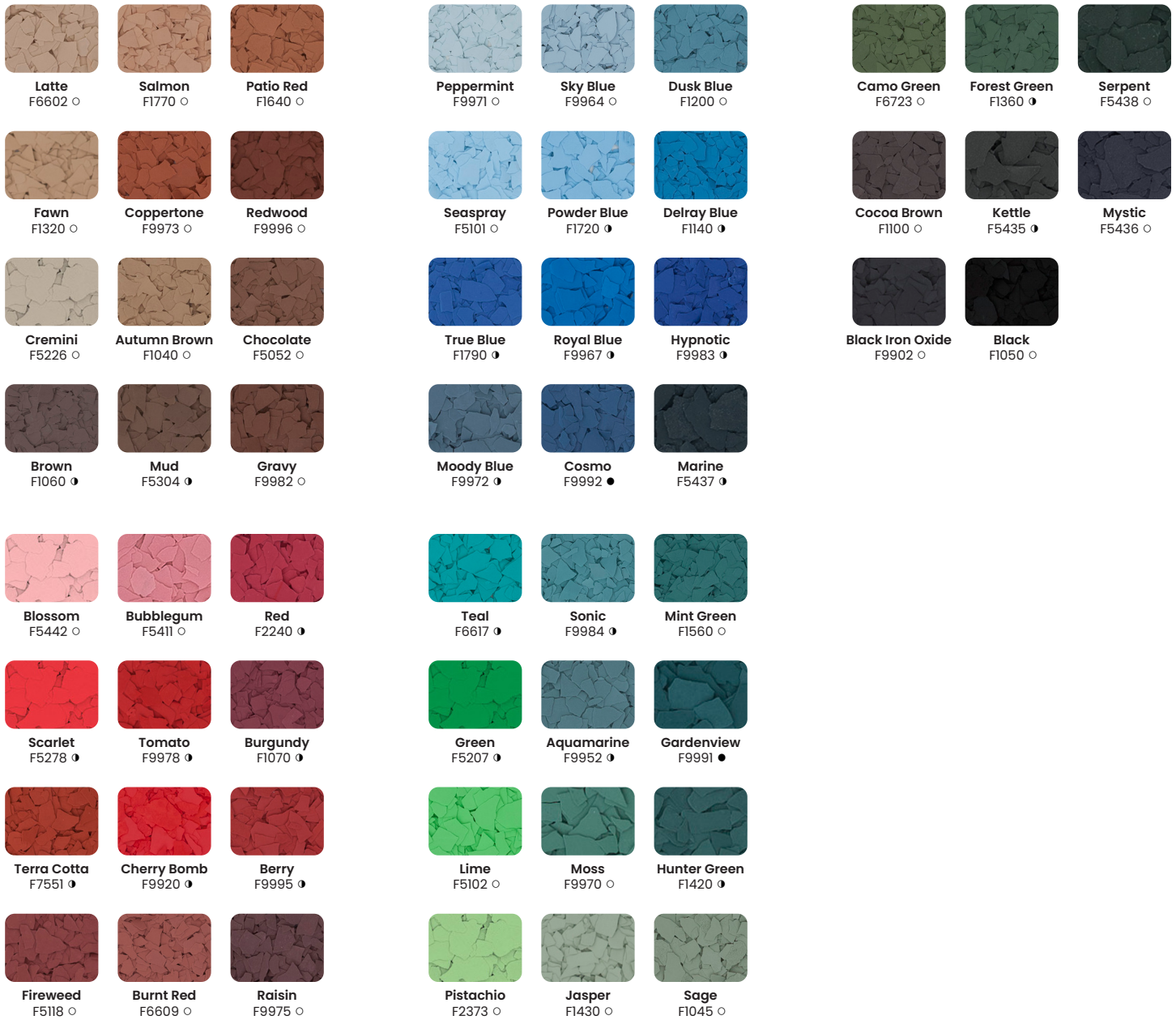
MARBLE FLAKE

						METALLIC		

● = Poor Lightfastness ○ = Moderate Lightfastness ○ = Good Lightfastness

Colors with poor lightfastness are not recommended for applications with direct sun exposure. Lightfastness ratings are based on accelerated UV testing in accordance with ASTM G155 (1,000 hour Xenon Arc Light Exposure).

DISCLAIMER: TORGINOL® Marble Flake may vary slightly from lot-to-lot due to limitations in the manufacturing process. To ensure optimal color consistency when using multiple lots, intermix prior to use.



● = Poor Lightfastness ○ = Moderate Lightfastness None = Good Lightfastness

Colors with poor lightfastness are not recommended for applications with direct sun exposure. Lightfastness ratings are based on accelerated UV testing in accordance with ASTM G155 (1,000 hour Xenon Arc Light Exposure).

PERFORMANCE SPECIFICATIONS

Color ($\Delta E \leq 0.5$)	Spectrophotometer (ASTM E1866)	Pass
Dry Film Thickness Gauge	Micrometer (ASTM D1005)	~5 mils
Shape	Visual Evaluation (ASTM D4086)	Random
Odor	Olfactory (ASTM D1296)	Odorless
Surface Texture	Leveling Draw-Down (ASTM D4062)	Smooth
Metamerism	Spectrophotometer (ASTM E1866)	Nonmetameric
Sheen	60° Gloss Meter (ASTM D523)	< 15 units
Dry Film Flexibility	Mandrel Bend Test (ASTM F137)	Pass
Opacity > 98%	Visual Evaluation (ASTM D6762)	Pass
Size Distribution	Normal Sieve Analysis (ASTM C136)	Pass

COATING SYSTEM COMPATIBILITY

Lab-tested resin system compatibility (Pass/Fail)

Epoxies	Pass
Methyl Methacrylates (MMA)	Pass
Polyaspartics	Pass
Polyureas	Pass
Polyurethanes	Pass

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

DISCLAIMER: Unknown resin compatibility testing recommended prior to use.

PACKAGING

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

FREIGHT SHIPPING CLASSIFICATION

Domestic NMFC Classification Code:	156150, Class 55
International Harmonized Tariff Code:	3906.90.50

COVERAGE RATE GUIDELINES Square Feet Per Pound

FLAKE Sizes	Full SF/LB	Heavy SF/LB	Light SF/LB
Original (1")	9-12	25-50	50-200
1/4" & 1/8"	5-7	25-50	50-200
1/16" & HYBRID	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.
- ✓ Most FLAKE™ colors are formulated using lightfast pigments for good UV stability. Some colors may have moderate or poor UV stability due to pigment technology limitations. Please refer to FLAKE™ Color Palette for lightfastness ratings by color.
- ✓ FLAKE™ colors with good lightfastness ratings may be suitable in exterior applications. Coating manufacturer system specifications for UV stability and environmental durability will determine exterior application suitability.
- ✓ FLAKE™ does not protect against efflorescence. For more information, please consult coating system manufacturer specifications for vapor barrier protection with exterior applications.

SIZE PROFILES FB-513 Coyote



Original (1")



1/4"



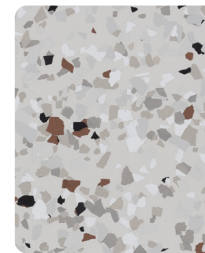
1/8"



1/16"



Full Coverage



Heavy Coverage



Light Coverage

V25010001

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