

MICA FLAKE™



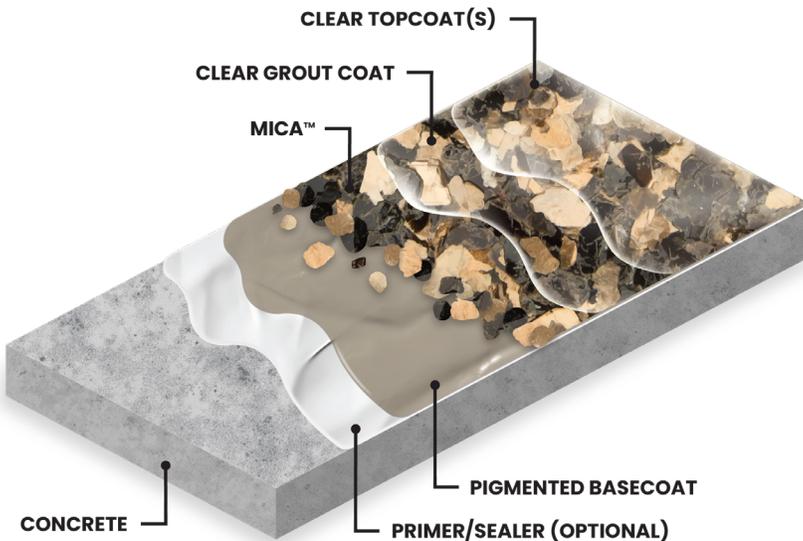
DESCRIPTION

MICA FLAKE™ enriches and elevates any environment with its lustrous properties. The unique MICA FLAKE™ are derived from a group of sheet silicate minerals, which includes muscovite, phlogopite, biotite and clintonite, possessing a natural shine that cannot be replicated with synthetic materials. MICA FLAKE™ is available in a range of natural and pigmented color options, as well as various sizes. This distinct product can be used alone for a dramatic metallic look or to accent conventional POLYMER FLAKE™ by adding a small percentage to any color blend combination.



TYPICAL MICA SYSTEM

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



FEATURES & BENEFITS

- ✓ Enhances resinous flooring systems
- ✓ Natural metallic luster effect
- ✓ Accents traditional POLYMER FLAKE™ blends
- ✓ Natural & Colored MICA™ options available
- ✓ Three unique sizes for optimum aesthetics
- ✓ MICA™ texture provides anti-slip qualities
- ✓ UV tested lightfastness
- ✓ 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™**

SIZE PROFILES



2-4 MESH



4-8 MESH



8-20 MESH

NATURAL MICA FLAKE

Recommended for stand alone use or as FLAKE ENHANCEMENT ADDITIVE



Silver
M1010



Gold
M1020



Midnight
M1030



Amber
M1040



Rum
M1050



Bronze
M1060

COLORED MICA FLAKE

Recommended for use as FLAKE ENHANCEMENT ADDITIVE



Crimson
M7021



Red
M7003



Orange
M7011



Yellow
M7004



Tan
M7015



Slate
M7016



Capri
M7017



Teal
M7022



Green
M7005



Cobalt
M7018



Blue
M7002



Navy
M7014



Plum
M7008



Brown
M7006



White
M7001



Smoke
M7020



Charcoal
M7013



Black
M7009

PERFORMANCE SPECIFICATIONS

Color	Visual Consistency (ASTM E1808)	Pass
Dry Film Thickness	Micrometer (ASTM D1005)	4 - 5 mils
Shape	Visual Evaluation	Pass
Odor	Olfactory Evaluation (ASTM D1296)	Odorless
Surface Texture	Visual Evaluation	Smooth
Metallic	Multiangle Color (ASTM E2194)	Pass
Sheen (>60 units)	60° Gloss Meter (ASTM D523)	Pass
Dry Film Flexibility	Mandrel Bend Test (ASTM F137)	Interior Angle \leq 110 °

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>	10 LB (4.54 KG)	14 LB (6.4 KG)
Full Pallets <i>48 Cartons (4 Layers x 12 Cartons Per)</i>	480 LB (217.7 KG)	664 LB (301.2 KG)
Full Truckload <i>20 Pallets (960 Cartons)</i>	9,600 LB (4,354.5 KG)	13,280 LB (6,023.7 KG)

FREIGHT SHIPPING CLASSIFICATION

Domestic NMFC Classification Code:	137180-01, Class 60
International Harmonized Tariff Code:	2525.20.0000

APPLICATION OPTIONS

<p>Full MICA Broadcast</p>  <p>Multy MB-5015</p>	<p>Natural MICA Accent Blend</p>  <p>Coyote w/ 3% Amber FB-513</p>	<p>Colored MICA Accent Blend</p>  <p>Funfetti FB-5003</p>
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STORAGE

MICA™ 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

- ✓ MICA™ is random in shape due to our manufacturing process.
- ✓ Due to the inherent product characteristics, a small amount of finer particles will be present within each box.

COVERAGE RATE GUIDELINES

Square Feet Per Pound

FLAKE Sizes	Full SF/LB	Partial SF/LB
2-4 Mesh	17-20	25-200
4-8 Mesh	15-17	25-200
8-20 Mesh	13-15	25-200

V25050001

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