



TORGINOL® MICA makes resinous flooring glisten with natural crystalline beauty. These unique metallic flakes are derived from a group of sheet silicate minerals known as mica, which includes muscovite, phlogopite, biotite, and clintonite. Through a technical manufacturing process, the distinctive hexagonal molecular arrangement of the mica minerals is separated into sheet-like pieces and sized according to our standardized flake specifications. MICA provides a natural metallic luster to resinous flooring systems that cannot be achieved with synthetically engineered materials.

## CHARACTERISTICS

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

## SIZE PROFILES



2-4 Mesh



4-8 Mesh



8-20 Mesh

## COLOR INDEX



M1000 / MULTY



M1070 / CLEAR



M1010 / SILVER



M1020 / GOLD



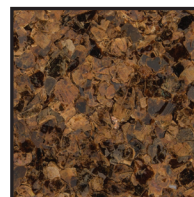
M1030 / MIDNIGHT



M1040 / AMBER



M1050 / RUM



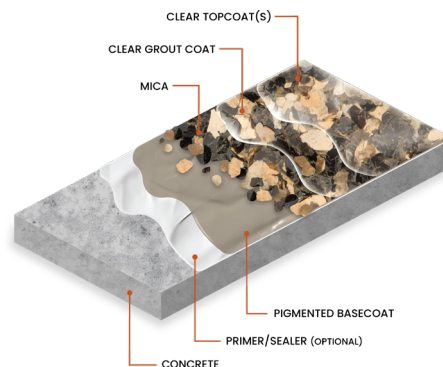
M1060 / BRONZE

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



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## TYPICAL MICA SYSTEM



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

## APPLICATION

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

## SYSTEM COMPATIBILITY

Lab tested resin chemical compatibility:

- Epoxy
- Polyurethane
- Polyurea
- MMA
- Polyspartic
- Waterborne
- Solvent-based
- and others...

Note: To date, no known resin incompatibilities exist. However, Torginol recommends unknown resin compatibility testing prior to use.

## 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.

## 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.