

PHYSICAL PROPERTIES

SOLIDS CONTENT	.....	100%
VOC	.....	0 g/L
MIX RATIO	.....	5A:1B
COVERAGE RATE	.....	1/4": 13 ft ² /gal
		3/8": 10 ft ² /gal
APPLICATION TEMP	.....	50°- 90°F
POTLIFE 1 Gal mass @ 75°F	.....	15 Minutes
DRY TIME @ 75°F	.....	5-10 Hours
RECOAT WINDOW	.....	10-16 Hours
FULL CURE	.....	7 Days
PACKAGING	.....	6 Gal Kit 30 Gal Kit 300 Gal Kit

MECHANICAL PROPERTIES

COMPRESSIVE STRENGTH ASTM D695	.....	10,000 p.s.i
TENSILE STRENGTH ASTM D638	.....	4,500 p.s.i
ELONGATION ASTM D638	.....	<3%
ADHESION TO CONCRETE ASTM D7234	.....	>400 p.s.i
ABRASION RESISTANCE ASTM D4060	.....	0.98 g
SHORE D HARDNESS ASTM D2240	.....	83
CHEMICAL RESISTANCE ASTM D1308	.....	Meets
RESISTANCE TO FUNGI ASTM G21	.....	No Growth
COEFFICIENT OF THERMAL EXPANSION ASTM C531	.....	0.000016 in/(in °F) -12°F to 75°F
		0.000024 in/(in °F) 75°F to 140°F

PRODUCT DESCRIPTION

8370 TerraCrown® is a pigmented two-component epoxy-resin matrix that is used to create the most decorative floors in the construction industry. It is formulated to meet the physical properties of the NTMA (National Terrazzo and Mosaic Association), TTMAC (Terrazzo, Tile and Marble association of Canada) and Crown Polymers thin-set terrazzo flooring standards. It is installed at a normal thickness of 3/8 inch (9.5 mm), but can be applied as thin as 1/4 inch (6.35 mm). The thickness of the installation will affect the aggregate sizes. The most common chips are marble, which naturally occurs in different colors and Mohs hardness. Recycled glass chips and mirrored chips adds color and a three-dimensional depth, while Mother of Pearl, other aggregates and pigment colors are incorporated to create unique "one of a kind" looks. It is VOC Compliant in all states and provinces in North America.

TYPICAL USES

• Airport, Bus, Train Terminals	• Retail Spaces & Mall Common Areas	• School & Universities	• High End Designer Floors
• Hotel Lobbies & Office	• Hospital and Health Care Facility Floors	• Pharmaceutical Floors	

BENEFITS

• Complies with USDA, FDA, FSMA. See Crown Polymers Technical Bulletin: 3 Food and Beverage Compliance.	• Slip Resistance (ADA) See Crown Polymers Technical Bulletin: 4 Coefficient of Friction.	• LEED requirements. See Crown Polymers Technical Bulletin: 5 LEED information
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COLORS

TerraCrown® 8370 color palate is nearly infinite, submit color(s) for color matching to Crown Polymers

LIMITATIONS

- Higher temperatures will result in shortened working times and faster drying time.
- Color may vary due to batch-to-batch variation, always "box" different batches to avoid it.
- Use 8303 CrownShield™ Moisture Barrier when MVT exceeds 3 lbs. or 80% RH
- Requires primer direct to concrete or cementitious overlays
- Do not thin

SHELF LIFE

1 Year from Date of Manufacture provided unopened

STORAGE

Store in a dry environment at room temperature and out of direct sunlight.

DISCLAIMER

All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. It is the user's responsibility to satisfy himself, by his own information and test, to determine suitability of the product for his own intended use, application and job situation and user assumes all risk and liability resulting from his use of the product. We do not suggest or guarantee that any product limitations are the only ones which may exist. Neither Seller nor Manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the products. Recommendations or statements, whether in writing or oral, other than those contained herein shall not be binding upon the Manufacturer, unless in writing and signed by an authorized corporate officer of Manufacturer. Technical and application information is provided for the purpose of establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and Manufacturer makes no claim that these tests or any other tests accurately represent all environments. Manufacturer is not responsible for typographical errors.



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