

MASTERTOP® MONORRAZZO

Polyacrylate terrazzo floor system

DESCRIPTION:

MASTERTOP® MONORRAZZO is a thin-set, light weight terrazzo that has been chemically strengthened to provide flexibility, resilience and toughness. MASTERTOP MONORRAZZO is a composition of marble or granite aggregates, in a cementitious-polyacrylate-resin matrix. It is chemically bonded to insure permanence and finely finished to provide the enduring elegance of terrazzo, while offering the practical considerations of reduced weight and thickness, plus increased flexural strength.

TYPICAL USES:

- Supermarkets and shopping malls
- Educational facilities
- Commercial institutions
- Banks, hotels and office buildings
- Hospitals and health care facilities
- Public transportation terminals

ADVANTAGES:

- "Breathable" flooring system
- Thin and light weight
- Grouted, smooth finish
- Attractive, permanent patterns and colors
- Reduced need for divider strips
- Tenacious bond to substrate
- Not affected by heat or fire
- **(Optional)** Elastomeric waterproofing membrane for protection of occupied areas below

COLORS:

For colors and patterns, refer to the National Terrazzo and Mosaic Association or Terrazzo Tile and Mosaic Association of Canada for color plates.

TYPICAL PHYSICAL PROPERTIES:

Compressive Yield Strength (ASTM C 579)	5,400 psi (37 MPa)
Tensile Strength (ASTM C 307)	760 psi (5 MPa)
Flexural Yield Strength (ASTM C 580)	1,000 psi (7 MPa)
Impact Resistance (Gardner Impact Tester)	>160 in•lb.
Water Absorption (ASTM C 413)	2.2%

LIMITATIONS:

Heat Resistance Limits

- 150°F (66°C) for continuous exposure.
- Not recommended for area under continual exposure to strong acids and alkalis.
- Single-color chip patterns are not recommended.
- Movement of sub-floor cracks may transmit through .
- Does not completely waterproof.
- Store material in a cool, dry area [50°F to 90°F (10°C to 32°C)] away from direct sunlight, flame or other hazards.

APPLICATION:

This system is applied only by Master Builders Certified Contractors. Follow detailed instructions in Certified Contractor Installation Manual.

SURFACE PREPARATION:

- Surface and air temperatures must be at least 55°F (12°C) during installation and initial cure.
- Surface should be checked for soundness and any "hollow" areas should be removed. All depressions or spalled areas and cracks should be pre-filled by a certified contractor approved product.
- Optional membrane/crack treatment may prevent reflective cracking of topping. Consult with Master Builders Inc. Representative.
- Concrete substrate should have laitance removed, preferably, by shot blast method. For inaccessible areas, consult manufacturer and/or certified contractor for alternate methods of preparation.
- Detailing work such as injection, patching, treatment of control and expansion joints, as well as cove base installation, shall be per specifier's recommendation.

MAINTENANCE:

Sealon, a low viscosity, acrylic sealer may be applied to seal exposed marble, granite and other aggregates used in MASTERTOP MONORRAZZO terrazzo from staining. Please consult a Master Builders Certified Contractor for maintenance information.

SAFETY:

For Industrial and professional use only.

For detailed safety guidelines, please refer to the product Material Safety Data Sheet (MSDS).

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