

Sikafloor®-Terrazzo System

Low VOC, Low Odor, Pigmented Epoxy Resin Binder for Thin-Set Terrazzo Floor Systems 1/4" - 3/8"(6–9 mm)

Description

Sikafloor® Terrazzo system is, solid color, low VOC, low odor, thin-set epoxy resin binder, available in an unlimited color selection. Vibrant epoxy matrix colors can be combined in varying percentages with fine and or coarse mineral aggregates (marble or granite), colored or recycled glass, mirror particles, plastic chips and non-corrosive metal fragments to produce limitless custom design options. Sikafloor® Terrazzo system is an extremely durable seamless finish that has excellent resistance to abrasion and common chemicals. The finished surface can be topcoated with Sikafloor® 304 W NA, Sikafloor® 340, or Sikafloor® 315 N for added chemical resistance. Please refer to separate Product Data Sheet.

Where to Use

Sikafloor®-Terrazzo is the ideal choice to provide extreme durability and ease of maintenance in heavy traffic commercial and institutional areas such as:

- Hospitals
- Pharmaceutical research centers
- Schools
- Banks
- Airport terminals
- Convention centers

ADVANTAGE

- Unmatched design versatility with custom capabilities.
- Thin set for easy jointing with adjacent floor finishes
- Lightweight to reduce loading on floors.
- Seamless, waterproof, easy to clean and maintain.
- Exceptional abrasion resistance and durability
- Unlimited colors, no minimum required
- Very low life cycle costs compared to other floor finishes.

TYPICAL DATA

RESULTS MAY DIFFER BASED UPON STATISTICAL VARIATIONS DEPENDING UPON MIXING METHODS AND EQUIPMENT, TEMPERATURE, APPLICATION METHODS, TEST METHODS, ACTUAL SITE CONDITIONS AND CURING CONDITIONS. REFER TO INDIVIDUAL MATERIAL DATA SHEET FOR APPROPRIATE OPTIONAL FINISH COAT.

Properties, Sikafloor-282 Terrazzo
Tested at 73°F (23°C) and 50% R.H:

Hardness Shore D	ASTM D2240	83 - 85
Tensile Strength	ASTM D638	4,530 psi (31.2 MPa)
Tensile Adhesion Strength	ASTM D7234	> 290 psi (2 MPa) substrate failure 100% concrete
Flexural Strength	ASTM C580	1,504,767 psi (10,375 MPa)
Abrasion Resistance	ASTM D4060	CS-17/1000 cycles/1,000g ~ 0.19 g
Compressive Strength	ASTM C579	>10 000 psi (68.94 MPa)
Water Absorption	ASTM C413	~ 0.037 %
Thermal Compatibility	ASTM D696	~ 2 x 10e-5 mm/mm/°C (11.1 X 10e-6 in/in/°F)

Industrial Flooring

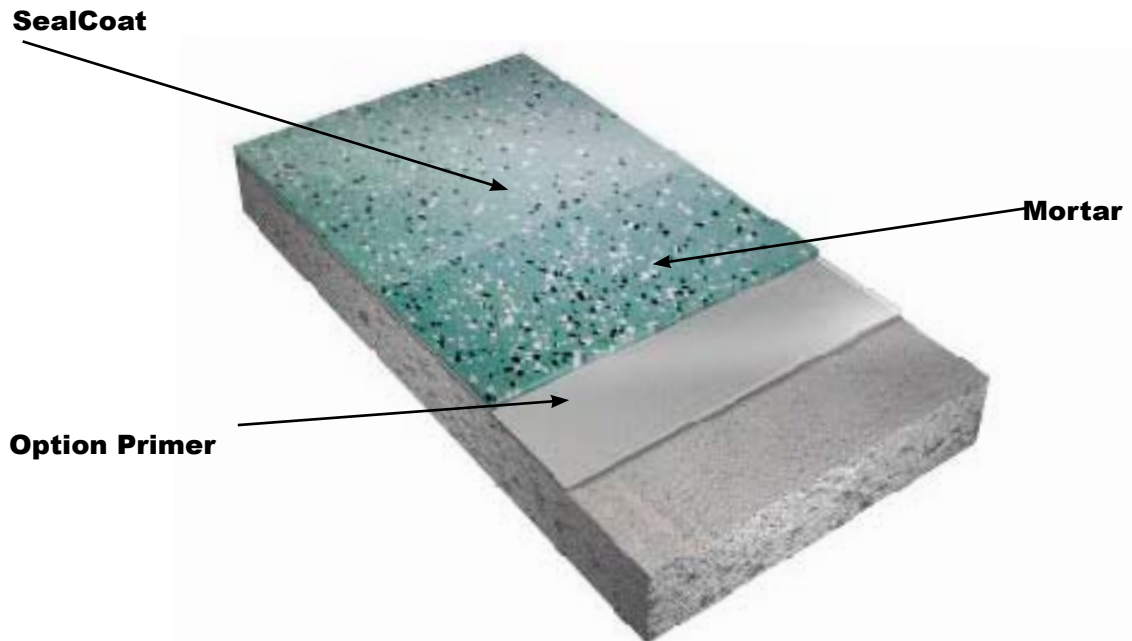


System Build Up

Coating	Product Name	Typical Thickness (mils)
Optional Primer	Sikafloor 160	6 - 10
Mortar	Sikafloor 282 + Marble Dust + Marble Chips - blended	1/4" -3/8"
Optional Seal Coat	Sikafloor 340	4 - 6
Optional Seal Coat	Sikafloor 315 N	6 - 8
Optional Seal Coat	Sikafloor 304 W NA	5 - 6

Sikafloor-340, Sikafloor-315 N and Sikafloor- 304 W NA can be an optional seal coat for greater chemical resistance.

System Build Up Step Diagram



KEEP CONTAINER TIGHTLY CLOSED • KEEP OUT OF REACH OF CHILDREN • NOT FOR INTERNAL CONSUMPTION • FOR INDUSTRIAL USE ONLY

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