



Authentic Terrazzo

Terrazzo®

LARGE TERRAZZO TILE

Test Data

PROPERTY	TEST METHOD	RESULTS
ACCELERATED WEATHERING	ASTM G-53	No evidence of cracking, blistering or deterioration. Average weight loss...0.95%
ABRASION RESISTANCE	ASTM C-501, Model 503 Tabor Abraser with CS-17 wheels, 1000 cycles, with a 1000 gram load	weight loss...0.3437 grams, wear loss...0.0008 inches
COEFFICIENT OF FRICTION	ASTM D-2047	Slip resistant-(SCF) 0.63
COMPRESSIVE STRENGTH	ASTM D-695-196,600 lbs. applied over 15.4 sq. in.	12,766 PSI-product did not fracture or was otherwise affected
DIMENSIONAL STABILITY	ASTM D-756, using 5 cycles of 6 hours at 30 degree F followed by 4 hours at 120 degree F	No dimensional changes, warpage or other effects noted on product
FLAME SPREAD	E84-81	Class I
FUEL CONTRIBUTION	E84-81	Class I
SMOKE GENERATION	ASTM E662	Less than 450
FLAME RESISTANCE	ASTM E648 (radiant panel)	Critical radiant flux-0.50 W/cm2
FLEXURAL STRENGTH 7 FLEXURAL MODULUS	ASTM D-790	Strength 1,139 PSI Modulus 698,340 PSI
HARDNESS	BARCOL-ASTM D-2583 Impressor-934-1 SHORE-ASTM D-2240	Aggregate 83.3 Matrix 64.4
IDENTATION	1 lb. steel ball applied with 200 lbs. of pressure for 30 minutes at 77 degree F	Indentation...0.009 inches
SPECIFIC GRAVITY	ASTM D-792	2.20
THERMAL SHOCK	MIL-F-52505	No evidence of peeling, cracking, crazing or deterioration
WATER ABSORPTION	ASTM D-570, Immersion in 75 degree F water for 24 hours after conditioning for 24 hours at 212 degree F	1.40%
WEIGHT	500 Series - 5/16" Nominal thickness	3.2 lbs. per square foot

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Surface Elements, Inc. - 1132 Bradshaw Drive, Florence, AL 35630 - Phone: 256-740-3977 - Fax: 256-768-5207 - Sales@Terrazzo.com

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Stain and Chemical Resistance

TEST METHOD

- A. 24 hours surface exposure around room temperature.
- B. 7 day total immersion around 120 degrees F.

REAGENT	TEST	RESULT
Ammonium Hydroxide (10%)	B	slightly lightened
Catsup	A	no effect
Ethyl Alcohol (50%)	B	no effect
Grease	A	no effect
Motor Oil	A	no effect
Sodium Chloride (10%0)	B	surface dulled (no other effect)
Tap Water	A	no effect
Tide (5%)	B	surface dulled (no other effect)
Vegetable Juice	A	no effect
Blood	A	no effect
Urine	A	no effect

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