

Performance Specifications of Fritztile by Expanko inc.

All Fritztile by expanko™ resilient, flexible terrazzo tile has the following general physical properties which may vary slightly according to tile pattern, abbreviations for testing agencies and testing specifications met by Fritztile™ products are United States Military and American Society for Testing and Materials:

Wear Warranty	→	20 years
Thickness	→	3/16"
Size	→	12" x 12"
Abrasive Wear	→	ASTM F510-93, resistance to abrasion (1000 gram load at 500 cycles). Volume loss/cm ³ : 0.0196
Hardness	→	ASTM-D 1706-61: Fritztile binder resin casting "D" hardness, 78. Marble barcol hardness, 55-100, depending on pattern type.
Coefficient of Friction	→	Slip resistance, ASTM-D-2047: 0.70 - 0.74 average.
Thermal Expansion	→	ASTM D696-91, Coefficient of linear thermal expansion between – 30C and 30C, 1.3x10 (-5)
Compressive Strength	→	ASTM-C109/D695, approx. 2,900 to 5,000 psi.
Electrical Characteristics	→	non-conductive
Flame Resistant Properties	→	ASTM - 648 - Critical Radiant Flux, 0.93 watts/cm - Class 1, ASTM- E-662-97, Smoke generated, NBS smoke density (smoldering 231.76, flaming 292.05) average DMC, ASTM-E-84-98,
Flame Spread	→	15. Compliance with article 15, Part 1120, State of New York fire Building Code - DOS File#09660-30507-4002.
Chemical Resistance	→	ASTM F925-97, resistance to chemicals, no change on surface attack, color change or swelling.
Oil Resistance	→	Passes MIL-D-3134F
Corrosion Resistance	→	Passes MIL-D-3134F
Static Load Limit	→	ASTM F970-93 load at 125 lbs., indentation, in. .0007"
Squareness	→	ASTM F540-90, squareness of resilient tile by dial gage method, .003".
Distribution	→	Fritztile is available through a network of distributors and flooring contractors worldwide.

For a supplier near you, call Fritztile at:

1-800-345-6202.

An actual sample of this tile is available at any Fritztile Supplier