



500 N. Sam Houston Rd.  
Mesquite, Texas 75149

[www.fritztile.com](http://www.fritztile.com)

**Phone** (972) 285-5471  
**Toll Free** (800) 955-1323  
**Fax** (972) 270-0179  
**E-mail** [tile-sales@fritzind.com](mailto:tile-sales@fritzind.com)

## Performance Specifications

All Fritztile™ 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:

<b>Wear Warranty</b>	▶ 20 years
<b>Thickness</b>	▶ 1/8", 3/16" & 1/4"
<b>Size</b>	▶ 11.92" x 11.92"
<b>Abrasive Wear</b>	▶ ASTM F510-93, resistance to abrasion (1000 gram load at 500 cycles). Volume loss/cm <sup>3</sup> : 0.0196
<b>Hardness</b>	▶ ASTM-D 1706-61: Fritztile binder resin casting "D" hardness, 78. Marble barcol hardness, 55-100, depending on pattern type.
<b>Coefficient of Friction</b>	▶ Slip resistance, ASTM-D-2047: 0.70 - 0.74 average.
<b>Thermal Expansion</b>	▶ ASTM D696-91, Coefficient of linear thermal expansion between - 30C and 30C, 1.3x10 (-5)
<b>Compressive Strength</b>	▶ ASTM-C109/D695, approx. 2,900 to 5,000 psi.
<b>Electrical Characteristics</b>	▶ non-conductive
<b>Flame-Resistant Properties</b>	▶ 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
<b>Flame Spread</b>	▶ 15. Compliance with article 15, Part 1120, State of New York fire Building Code - DOS File#09660-30507-4002.
<b>Chemical Resistance</b>	▶ ASTM F925-97, resistance to chemicals, no change on surface attack, color change or swelling.
<b>Oil Resistance</b>	▶ Passes MIL-D-3134F
<b>Corrosion Resistance</b>	▶ Passes MIL-D-3134F
<b>Static Load Limit</b>	▶ ASTM F970-93 load at 125 lbs., indentation, in. .0007"
<b>Squareness</b>	▶ ASTM F540-90, squareness of resilient tile by dial gage method, .003".
<b>Distribution</b>	▶ Fritztile is available through a network of distributors and flooring contractors worldwide. For a supplier near you, call Fritztile at 1-800-955-1323. An actual sample of this tile is available at any Fritz Supplier