

# Technical Data

Measure	Standard	Result
Hardness	ASTM D 2240 with Shore D Durometer	75-85
Tensile Strength	ASTM D 638	4800 psi min.
Flexural Strength	ASTM D 790	4500 psi min.
Thermal Coefficient of Linear Expansion	ASTM D 969	25x10 <sup>-6</sup> inches per inch per °F to 140°F maximum 11.4x10 <sup>-7</sup> cm per cm per °C to 60°C maximum
Abrasion Resistance	ASTM D 4060	.35 grams lost
Compressive Strength	ASTM D 695	13,920 psi minimum
Fungus and Bacterial Resistance	MIL F 52505 4.4.2.11	Will not support fungal or bacterial growth
Water Absorption	ASTM D 570	1%
Chemical Resistance	ASTM D 1308 Seven days at room temperature by immersion method	No deleterious effects: <ul style="list-style-type: none"> <li>• Distilled water</li> <li>• Mineral oil</li> <li>• Ethanol</li> <li>• Isopropanol</li> <li>• 0.025 Detergent solution</li> <li>• 1% soap solution</li> <li>• 10% Sodium Hydroxide</li> <li>• 10% Hydrochloric Acid</li> <li>• 30% Sulfuric Acid</li> <li>• 5% Acetic Acid</li> </ul>

\*Dynamic Coefficient of Friction is dependent upon the sealer used.

# Installation

- A. Terrazzo contractor shall install precast terrazzo units as follows:
1. ANSI 108.05 is the standard specification for setting tile with latex-portland cement thinset mortar; ANSI 108.06 is the standard specification for setting tile with epoxy adhesive.
  2. Precast Terrazzo Base: Use (latex-portland cement mortar) or (epoxy adhesive) to install precast terrazzo base over substrates indicated according to ANSI 108.5 or ANSI 108.6.
  3. Keep following subparagraph if precast stair units are set on concrete stairs and landings or concrete filled treads and landings. ANSI 108.05 is the standard specification for setting tile with latex-portland cement thinset mortar; ANSI 108.06 is the standard specification for setting tile with epoxy adhesive.
    - a. Precast Terrazzo Stair Units: Use latex-portland cement mortar or epoxy adhesive to install treads, risers and landings over concrete substrates according to ANSI 108.5 or 108.6.
  4. Keep following subparagraph if precast stair units are set on steel risers or steel plate stairs and landings.
    - a. Precast Terrazzo Stair Units: Use epoxy adhesive to install treads, risers and landings over steel substrates according to ANSI 108.6.