



Ceramic Tile Testing



LABORATORY TESTING

- Slip Resistance
(Static Coefficient of Friction ASTM C 1028)
- Abrasive Hardness (ASTM C 501)
- Bond Strength (ASTM C 482)
- Breaking Strength (ASTM C 648)
- Chemical Test (ASTM C 650)
- Crazeing (ASTM C 424)
- Facial Dimension (ASTM C 499)
- Flexural Strength (ASTM C 674)
- Freeze-Thaw (ASTM C 1026)
- Impact Test (ASTM C 368)
- Mohs Hardness
- Moisture Expansion (ASTM C 370)
- Robinson Test (ASTM C 627)
- Stain Test (CTI-T-72)
- Thermal Shock (ASTM C 484)
- Thickness (ASTM C 499)
- Warpage (Flatness, ASTM C 485)
- Water Absorption (ASTM C 373)
- Wedging (Squareness, ASTM C 502)

FAILURE INVESTIGATION

- Cracking
- De-Bonding
- Field Survey of Tile or Stone De-Bonding
- Discoloration, Staining
- Bumps & Blisters
- Dusting, Fracturing, Disintegration
- Curling, Dishing, Bowing
- Thermal Expansion
- Moisture-Related Damage
- Cyclic Freezing-Related Damage

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