

Technical Specifications

| Physical Properties | ASTM Test | Industry Standards | Results |
|--|--------------------------------------|--|-----------------------|
| Water Absorption | C373 | Impervious <0.5% | ≤ 0.1% |
| Thickness Dimension | C499 | Range ±0.04in Max. | ≤ ±0.04 in |
| Facial Dimension | C499 | ±0.25% | ≤ ±0.25% |
| Warpage Average | C485 | ± 0.40% on any edge | ≤ ± 0.40% |
| Warpage Average | C485 | ± 0.40% on diagonal | ≤ ± 0.40% |
| Wedging Average | C502 | ± 0.25% | ≤ ± 0.25% |
| Bond Strength | C482 | ≥ 50 psi | ≥ 200 psi |
| Breaking Strength | C648 | ≥ 250 lbf | ≥ 400 lbf |
| Hardness (Mohs) | Scratch Test (No regulated) | Range 0 - 10 | ≥ 7 |
| Visible Abrasion Resistance for Glaze Tile | C1027 | No requirement Range 0 - 5 | Class 4 |
| Frost Resistance (Freeze/Thaw) | C1026 | No sample must show alterations to surface | No evidence of damage |
| Chemical Resistance | C650 | No Requirement Range E - A | Class A |
| Stain Resistance | C1378 | No Requirement Range E - A | Class A* |
| Coefficient of Friction (Dynamic) | DCOF Acutest sm (wet) | ≥ 0.42 | ≥ 0.42* |
| Aesthetic Classification | Visual Evaluation Shade & Texture | No Requirement Range V0 - V4 | V2 |



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