

# TILE INSTITUTE of AMERICA

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Tile: **Sunny Day Series**

SD-270 - SURF SPRAY 2X2	SD-670 - SURF SPRAY 6X6	SD-670 DECO - SURF SPRAY 6X6	SD-670 SBN - SURF SPRAY 6X6
SD-271 - SEA WIND 2X2	SD-671 - SEA WIND 6X6	SD-671 DECO - SEA WIND 6X6	SD-671 SBN - SEA WIND 6X6
SD-272 - P. SHORE 2X2	SD-672 - P. SHORE 6X6	SD-672 DECO - P. SHORE 6X6	SD-672 SBN - P SHORE 6X6
SD-273 - SANDY BCH 2X2	SD-673 - SANDY BCH 6X6	SD-673 DECO - SANDY BCH 6X6	SD-673 SBN - SANDY BCH 6X6
SD-274 - BLUFF 2X2	SD-674 - BLUFF 6X6	SD-674 DECO - BLUFF 6X6	SD-674 SBN - BLUFF 6X6

Conditions: New tiles were sent to TILE INSTITUTE of AMERICA in sealed manufacturer's boxes from client above and selected at random.

Specification: ASTM C 648

Source: Tiles submitted by Client to Laboratory and selected at random from unopened containers.

## Report of Test

### **BREAKING STRENGTH (ASTM C 648)**

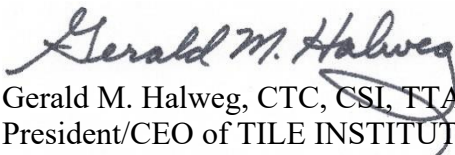
Standard Test Method for Breaking Strength of Ceramic Tile. This method provides the means for establishing whether or not this tile meets the strength requirements, which may appear in tile specifications. Tile strength is the force in pounds-force (or Newton's), as read from the pressure gauge, necessary to cause the tile to break. The load was applied at the rate of 1000 lbf/min. The tile samples were placed on a test fixture having three (3) supports located in a circle three and fifteen-thirty-seconds (3 15/32) inches in diameter with the load applied at the center as per specifications.

**Requirements:** ANSI A 137.1 (General) Breaking Strength. When tested as described in ASTM C 648, the average breaking strength for glazed wall tile shall be 90 and for glazed paver tile 250 pounds or greater.

The tile types and categories listed above yielded test values greater than Industry's requirements.

Test Results: **Passed**

Sincerely,

  
Gerald M. Halweg, CTC, CSI, FTA. Date: July 1, 2021  
President/CEO of TILE INSTITUTE of AMERICA