



# TILE INSTITUTE of AMERICA

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TIA's Client: 20201228 BS

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Tile: **Ocean Breeze Series**

OB-350 - WINDSTREAM 3X3	OB-750 - WINDSTRM AKRON	OB-350-2 - WINDSTREAM 3X3 DBN	OB-550 - WINDSTREAM 1X2
OB-350-1 - WINDSTREAM 3X3 S.	OB-751 - SEASCAPE AKRON	OB-350-3 - WINDSTRM 1X3 QTR RD	OB-551 - SEASCAPE 1X2
OB-351 - SEASCAPE 3X3	OB-150 - WINDSTREAM 1X1	OB-350-4 - WINDSTRM 1X1 QTR RD	OB-801 - OCEAN BRZ BLEND 1X2
OB-351-1 - SEASCAPE 3X3 S.	OB-151 - SEASCAPE 1X1	OB-351-2 - SEASCAPE 3X3 DBN	OB-802 - LAGOON BLEND 1X
OB-353 - SURFSIDE 3X3	OB-153 - SURFSIDE 1X1	OB-351-3 - SEASCAPE 1X3 QTR RD	OB-900 - OCEAN BRZ BLEND 1X1
OB-354 - BREAKERS 3X3	OB-154 - BREAKERS 1X1	OB-351-4 - SEASCAPE 1X1 QTR RD	

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

**Specifications:** C 648

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

## Report of Test

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

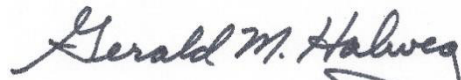
Standard Test Method for Breaking Strength of Ceramic Tile. This method provides the means for establishing whether or not this tile meets the strength requirements, which may appear in tile specifications. Tile strength is the force in pounds-force (or Newton's), as read from the pressure gauge, necessary 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,

A handwritten signature in black ink that reads "Gerald M. Halweg". The signature is written in a cursive style with a large, stylized initial "G".

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