



TILE INSTITUTE of AMERICA

1262 Bouquet Circle, Thousand Oaks, California 91362 Telephone: (805) 371-TILE (8453) Facsimile: (805) 371-8453
23825 15th Avenue SE #110, Bothell, Washington 98021 240 Makee Road, Suite PH-A, Honolulu, Hawaii 96815
DoctorTile@aol.com DoctorTile1@gmail.com [\(805\) 444-8453](tel:(805)444-8453)

TIA's Client: 20201228 BS

Aquabella USA, LLC
Mr. Brian L. Streadbeck
450 South Alpine Highway
Alpine, Utah 84004

Telephone: (833) 985-2955
info@aquabellatile.com

Tile: **Abyss Series**

AY-620 - PORT ROYAL 6X6	AY-220 - PORT ROYAL 2X2	AY-620 SBN - PORT ROYAL 6X6 S	AY-620 DECO - PORT ROYAL 6X6
AY-621 - ATLANTIS 6X6	AY-221 - ATLANTIS 2X2	AY-621 SBN - ATLANTIS 6X6 S	AY-621 DECO - ATLANTIS 6X6
AY-622 - THONIS 6X6	AY-222 - THONIS 2X2	AY-622 SBN - THONIS 6X6 S	AY-622 DECO - THONIS 6X6
AY-623 - ALEXANDRIA 6X6	AY-223 - ALEXANDRIA 2X2	AY-623 SBN - ALEXANDRIA 6X6 S	AY-623 DECO - ALEXANDRIA 6X6
AY-624 - TIKAL 6X6	AY-224 - TIKAL 2X2	AY-624 SBN - TIKAL 6X6 S	AY-624 DECO - TIKAL 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, TTA. Date: July 1, 2021
President/CEO of TILE INSTITUTE of AMERICA