



## TILE INSTITUTE of AMERICA

1262 Bouquet Circle, Thousand Oaks, California 91362 Telephone: (805) 371-TILE (8453) Facsimile: (805) 371-8455

TIA's Client: 20140815

AquaBella/Main Street Art, Inc.  
Mr. Brian L. Streadbeck  
450 South Alpine Highway  
Alpine, Utah 84004

Telephone: (714) 264-8269 Facsimile: (714) 685-0465

[brian@msagallery.com](mailto:brian@msagallery.com)

Tile: **Tahitian** Series, color mottled blue "AZ-606" Azul Blue porcelain body glazed.

Nominal size: 6" x 6" x 1/4". Tile made in China.

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

### Resistance of Ceramic Tile to Chemical Substances (ASTM C650)

**Procedure:** This test method covers a procedure for determining whether, and to what degree, ceramic tiles are affected by prolonged exposure to chemical substances. The temperature was controlled at 75±5 ° F (24±3 ° C) with an exposure time of 24 hours.

Specimens	Substance	Temperature, °F (°C)	Time, hours	Results
1.	10% Hydrochloric Acid	75±5 (24 ± 3)	24	Not affected
1.	10% Potassium Hydroxide	75±5 (24 ± 3)	24	Not affected
2.	10% Hydrochloric Acid	75±5 (24 ± 3)	24	Not affected
2.	10% Potassium Hydroxide	75±5 (24 ± 3)	24	Not affected
3.	10% Hydrochloric Acid	75±5 (24 ± 3)	24	Not affected
3.	10% Potassium Hydroxide	75±5 (24 ± 3)	24	Not affected
4.	10% Hydrochloric Acid	75±5 (24 ± 3)	24	Not affected
4.	10% Potassium Hydroxide	75±5 (24 ± 3)	24	Not affected
5.	10% Hydrochloric Acid	75±5 (24 ± 3)	24	Not affected
5.	10% Potassium Hydroxide	75±5 (24 ± 3)	24	Not affected
6.	10% Hydrochloric Acid	75±5 (24 ± 3)	24	Not affected
6.	10% Potassium Hydroxide	75±5 (24 ± 3)	24	Not affected
7.	10% Hydrochloric Acid	75±5 (24 ± 3)	24	Not affected
7.	10% Potassium Hydroxide	75±5 (24 ± 3)	24	Not affected
8.	10% Hydrochloric Acid	75±5 (24 ± 3)	24	Not affected
8.	10% Potassium Hydroxide	75±5 (24 ± 3)	24	Not affected
9.	10% Hydrochloric Acid	75±5 (24 ± 3)	24	Not affected
9.	10% Potassium Hydroxide	75±5 (24 ± 3)	24	Not affected
10.	10% Hydrochloric Acid	75±5 (24 ± 3)	24	Not affected
10.	10% Potassium Hydroxide	75±5 (24 ± 3)	24	Not affected
11.	10% Hydrochloric Acid	75±5 (24 ± 3)	24	Not affected
11.	10% Potassium Hydroxide	75±5 (24 ± 3)	24	Not affected
12.	10% Hydrochloric Acid	75±5 (24 ± 3)	24	Not affected
12.	10% Potassium Hydroxide	75±5 (24 ± 3)	24	Not affected

Test Results: Pass

Sincerely,

Gerald M. Halweg, CTC, CSI, TTA.  
President/CEO of TILE INSTITUTE of AMERICA

Date: 11-1-2014