



## TILE INSTITUTE of AMERICA

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TIA's Client: 20160415

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

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Tile: **Night Life Series, multi-colored "NL-1231 Ballad" glass body**, mesh back mounted.  
Nominal size: 1" x 2" x 1/4" Pattern. Tile made in China.

Conditions: New tiles sent to TILE INSTITUTE of AMERICA from client above and selected at random.

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

**Procedure:** This test method covers a procedure for determining whether, and to what degree, 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: June 8, 2016