

TILE INSTITUTE of AMERICA

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

TIA's Client: 20160415

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

Re: T-85 Mohs Hardness Test

Tile: **Monet Series, streaked multi-colored "MS-885 Stormy Blend" glass body**, mesh back mounted.
Nominal size: 1" x 1" x 1/4" & 2" x 2" x 1/4" Pattern. 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.

Mohs' Hardness

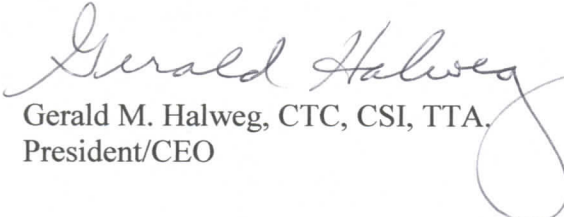
A material's Mohs' hardness value indicates the materials resistance to scratching. Diamond has a maximum Mohs' hardness of 10. One of the properties by which glazed tiles are tested and classified is hardness. The degree of hardness of any tile is compared with that of ten mineral standards.

SCALE OF HARDNESS OF TILE'S GLAZE:

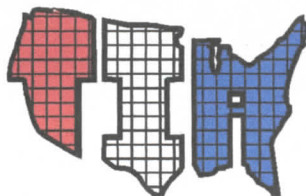
- | | |
|----------------------|---------------|
| 1. Talc | 6. Microcline |
| 2. Gypsum (Selenite) | 7. Quartz |
| 3. Calcite | 8. Topaz |
| 4. Fluorite | 9. Corundum |
| 5. Apatite | 10. Diamond |

<u>Tile Sample</u>	<u>Mohs Hardness Value</u>	<u>Test Results</u>
1.	6	
2.	6	6
3.	6	

Sincerely,


Gerald M. Halweg, CTC, CSI, TTA.
President/CEO

Date: June 9, 2016



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Thermal Shock Resistance of Ceramic Tile (ASTM C484)

Procedure: This test method is a procedure for determining whether ceramic tiles are affected by prolonged exposure to high temperature and rapidly cooled to typical room temperature. The procedure is to place tiles into an oven maintained at a temperature of $293 \pm 9^\circ \text{F}$ ($145 \pm 5^\circ \text{C}$) and supported face up in a manner that the glazed surface of each tile is freely exposed to the oven atmosphere. After 30 minutes, the tiles are removed and put face up quickly onto a sheet of aluminum maintained at a room temperature of $75 \pm 5^\circ \text{F}$ ($24 \pm 3^\circ \text{C}$). After 15 minutes, the tiles are inspected for shivering or any other type of disintegration. The process was repeated five times.

<u>Specimens</u>	<u>Results</u>
1.	Not affected
2.	Not affected
3.	Not affected
4.	Not affected
5.	Not affected

Test Results: Pass

Sincerely,

Gerald M. Halweg, CTC, CSI, TTA.
President/CEO

Date: June 11, 2016