



TILE INSTITUTE of AMERICA

23825 15th Avenue SE #149, Bothell, WA 98021 & 240 Makee Road, Suite 9A, Honolulu, Hawaii 96815
(805) 444-8453 DoctorTile@aol.com or DoctorTile1@gmail.com

TIA's Client: 20230928 Freeze-Thaw
November 30, 2023

AquaBella/Main Street Art, Inc.
Mr. Brett Streadbeck
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11906 Brittmoore Park Dr.
Houston, TX 77041

Telephone: (833) 985-2955
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Tile: **STONE AGE Series** (Item Description & Tile Color Name) Factory "AB-9". Nominal size: Porcelain Tile.

- BROKEN JOINT 1"x2"
- STRAIGHT JOINT 1"x2"
- CALACATTA 6"x6"
- DOLOMITE 6"x6"
- DOLOMITE 6"x24"
- CALACATTA 6"x24"
- DOLOMITE 12"x24"
- FLINT 6"x6"
- FLINT 6"x24"
- FLINT 12"x24"
- MOONSTONE 6"x6"
- CALACATTA 12"x24"
- MOONSTONE 6"x24"
- MOONSTONE 12"x24"
- OBSIDIAN 6"x6"
- OBSIDIAN 6"x24"
- OBSIDIAN 12"x24"
- CALACATTA 1"x2"

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

TEST CONDUCTED:

RESISTANCE TO FREEZE-THAW CYCLING (ASTM C 1026)

Standard Test Method for Measuring the Resistance of Tile to Freeze-Thaw Cycling.

Ten Specimens were placed into the freezing chamber to 0°F (-18°C) within a period of 6-8 hours and placed into water that was at a temperature from 50° to 60°F (10° to 16°C) for ≥30 minutes.

Requirements:

After 15 Cycles

The units are to show no evidence of Failure to Body or Surfaces.

No evidence of Disintegration.

Damage to the specimen is reported with the abbreviation as follows:

Cz = crazing, Ch = Chipping, Sp = spalling, Bc = body checks, Cr = cracks.

Results: All units described above have PASSED.

Sincerely,

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