



TILE INSTITUTE of AMERICA

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TIA's Client: 20201228 BS

Aquabella USA, LLC
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Tile: **Typhoon Series**

TY-180 - FIJI 1X1	TY-380 - FIJI 3X3	TY-580 - FIJI 1X2	TY-780 - FIJI AKRON	TY-984 - TYPHOON BLEND 1X1
TY-181 - BALI 1X1	TY-381 - BALI 3X3	TY-581 - BALI 1X2	TY-781 - BALI AKRON	TY-885 - TYPHOON BLEND 1X2
TY-182 - SAMOA 1X1	TY-382 - SAMOA 3X3	TY-582 - SAMOA 1X2	TY-782 - SAMOA AKRON	

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 Ceramic 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. Date: July 1, 2021
President/CEO of TILE INSTITUTE of AMERICA