



# TILE INSTITUTE of AMERICA

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Tile: **Italian Slate Series**

IS-634 - SAN MARINO 6X6	IS-234 - SAN MARINO 2X2	IS-634 SBN - SAN MARINO 6X6 S	IS-634 DECO - SAN MARINO 6X6 D
IS-635 - MILAN 6X6	IS-235 - MILAN 2X2	IS-635 SBN - MILAN 6X6 S	IS-635 DECO - MILAN 6X6 D
IS-637 - NAPLES 6X6	IS-237 - NAPLES 2X2	IS-637 SBN - NAPLES 6X6 S	IS-637 DECO - NAPLES 6X6 D
IS-638 - FIRENZE 6X6	IS-238 - FIRENZE 2X2	IS-638 SBN - FIRENZE 6X6 S	IS-638 DECO - FIRENZE 6X6 D

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