TIA's Client: 20140815

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

Tile: **Unglazed** Series, color blue **"UG-10" Slate Blue** porcelain body glazed.
Nominal size: 2" x 2" x ¼" (1.885" x 1.885" x 0.225"). 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.

Surface Abrasion (*ASTM C 1027)

This test is for glazed tiles only. It is based on the **(PEI)** rating system (Porcelain Enamel Institute). A number of sample tiles are subjected to rotation with an abrasive material on their surface (contained in a cup). After a pre-determined number of revolution cycles, the specimen is removed. This is repeated for eight periods of cycle rotations; 100 rotations, 150, 600, 750, 1500, 2100, 6000 and 12,000. The tile that shows no wear at 12,000 rotations is then subjected to a staining test. If it passes the stain test, it is then classified as a grade 5 tile. Each piece is then compared in a viewing box to a new piece if there are no visible signs of wear it is considered to have passed to that level. There are six levels of tile durability that can be achieved by this test method, which are 0 to 5 (O to V).
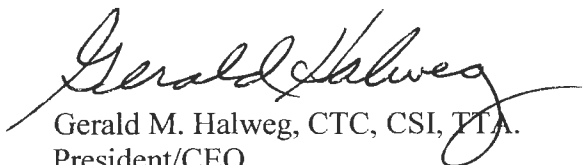
PEI Classifications

CLASS 0 (O) - Tiles technically unsuitable for floors
CLASS 1 (I) - Residential and Commercial wall and bare foot traffic
CLASS 2 (II) - Wall and Residential bath floor, soft soled traffic
CLASS 3 (III) - All residential floors and Light Commercial
CLASS 4 (IV) - Medium Commercial, Light Industrial and Institutional
CLASS 5 (V) - Extra heavy traffic: Tile may be used nearly anywhere.

Requirements:

Test Results: PEI **4** **(IV 2100 revolutions)**

Sincerely,

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

Date: 11-13-2014