1. Facial Dimensions ï ASTM C-499-09

The average facial dimension(s) of each tile in the sample when measured as described in ASTM C-499-09 shall not vary more than +/- 2.0% from the nominal facial dimension(s). The range of facial dimensions of all tile in the sample shall not exceed +/- 0.75% of the average facial dimension of the sample when measured according to ASTM C-499-09.

Above referenced products fall well within ANSI Specification A137.1-2012 for this property.

2. Warpage ï ASTM C485-09

When measured as described in ASTM C-485-09, the warpage of each tile in the sample shall not exceed +/- 1.5% along any edge nor +/- 1.0% along either diagonal.

Above referenced products fall well within ANSI Specification A137.1-2012 for this property.

3. Wedging ï ASTM C502-04

Applicable to 6"x 6" and larger quarry tile. When measured as described in ASM C-50204, the wedging of each tile in the sample shall not exceed +/- 1.0%.

Above referenced products fall well within ANSI Specification A137.1-2012 for this property.

4. Breaking Strength ï ASTM C-648-04

When tested as described in ASTM C-648-04, the average breaking strength shall be 250 pounds or greater.

Above referenced products fall well within ANSI Specification A137.1-2012 for the property.
5. Water Absorption — ASTM C-373-88 (06)

When tested as described in ASTM C-373-88 (06), the tile in the sample shall have a water absorption not exceeding 5.0 percent.

Above referenced products fall well within ANSI A137.1 ï 2012 for this property.

6. Dynamic Coefficient of Friction - ANSI A326.3-2017

When tested as described in ANSI A326.3-2017, Section 8.0 (wet) Section 9.0 (dry) DCOF measurements shall be equal to or greater than 0.42.

Above referenced products fall well within ANSI Specification A326.3-2017 for this property.

David W. Johnson
CEO - Summitville Tiles, Inc.