1. Facial Dimensions – 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 +/- 2.00% from the nominal facial dimension(s). The range of the 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 – ASTM C-485-09

   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 – ASTM C-502-04

   Applicable to 6” x 6” and larger quarry tile. When measured as described in ASTM C-502-04, 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.


   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 this 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 Specification A137.1 – 2012 for this property.

6. **Dynamic Coefficient of Friction – ANSI A137.1 – 2012, Section 9.6**

   When tested as described in ANSI A137.1 – 2012, Section 9.6, DCOF measurements shall be equal to or greater than 0.42.

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

H. Tyson DeLoach, Jr.
Vice President of Manufacturing
June 17, 2013