



**PRODUCT PERFORMANCE TESTING LABORATORY**

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**TCNA TEST REPORT NUMBER:**

**TCNA-0637-17**

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**TEST REQUESTED BY:**

**Cepac Tile**

**TEST METHOD:** Mohs' Scratch Hardness

This test method is used to determine the scratch hardness of a tile surface using the Mohs' hardness scale. A scratch test is performed at each level of hardness to determine the hardness of the surface relative to the Mohs' scale.

**TEST SUBJECT MATERIAL:**

Identified by client as: "**Continental Subway COS-5**"  
Approximate Size as Received: 3"x6"

**TEST DATE:**

6/27/2017

**TEST PROCEDURE NOTES:**

- Sample prep: None
- Three whole tiles were tested.
- The tiles were tested using a Deluxe Hardness Pick Set from Mineralab, LLC. The following minerals are used as standard:

1 - Talc	6 - Feldspar
2 - Gypsum	7 - Quartz
3 - Calcite	8 - Topaz
4 - Fluorite	9 - Corundum
5 - Apatite	10 - Diamond

**TEST RESULTS:**

The Mohs Scratch Hardness was determined to be as follows:

Tile Sample #	Mohs Scratch Hardness
1	7
2	7
3	7

**COMMENTS:** None