

#### PRODUCT PERFORMANCE TESTING LABORATORY

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#### TCNA TEST REPORT NUMBER: TCNA-0632-17

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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: **"Topkapi TPK-2"** Approximate Size as Received: 2"x3" Irregular shape tile on 12"x12" mosaic sheet

### **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

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