



**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