



PRODUCT PERFORMANCE TESTING LABORATORY

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TCNA TEST REPORT NUMBER: TCNA-0268-17

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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: "Retro 5" Hexagon-53M"
Approximate Size as Received: 5" Hexagons

TEST DATE: 3/27/2017

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