



PRODUCT TESTING SERVICE

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TCNA TEST REPORT NUMBER: TCNA-709-15 **PAGE:** 1

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: "Classic Rounds 3/4" Penny Rounds CR-11"
Approximate Size as Received: 3/4"

TEST DATE: 10/27/2015

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