

**PRODUCT PERFORMANCE TESTING LABORATORY**

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Email testing@tcnatile.com Web www.TCNAtile.com**TCNA TEST REPORT NUMBER:** TCNA-0343-18**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: "Cirque-CQ-1"
Approximate Size as Received: 12"x12" mosaic sheets

TEST DATE: 4/5/2018**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