



# PRODUCT TESTING SERVICE

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TCNA TEST REPORT NUMBER:

TCNA-701-15

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TEST REQUESTED BY:

Cepac Tile

TEST METHOD:

ANSI A137.1-2012 Section 9.6.1: "Wet Dynamic Coefficient of Friction (DCOF)"

Informal Test Method Description: This test method covers the measurement of dynamic coefficient of friction of ceramic tile or other surfaces under the wet condition using the BOT 3000 device.

This summary is provided for the reader's convenience and is not a complete description of the method. See ANSI A137.1 Section 9.6.1 for all method details and information.

TEST SUBJECT MATERIAL:

Identified by client as: "Gemstone 3/4" Penny Rounds  
GM-101/GM-104"

Approximate Size as Received: Mosaic tiles on 12"x12" Sheets  
Product color: Not Provided

TEST DATE:

10/29/2015

TEST PROCEDURE NOTES:

- Sample Prep: Samples mounted to rigid surfaces for testing
- The tiles were cleaned with Renovator #120 prior to testing.
- Three (3) pieces of tile were tested in all four directions with 10" long measurements.
- The SBR sensor was verified using a standard tile prior to testing.
- Testing was performed under wet conditions using 0.05% SLS water
- Testing was conducted under laboratory conditions at approximately 70°F and 50% relative humidity using a calibrated BOT 3000E device.

TEST RESULTS:

The individual and average DCOF data for each tile were as follows:

Direction	Tile 1	Tile 2	Tile 3
Direction 1	0.34	0.33	0.31
Direction 2	0.35	0.31	0.31
Direction 3	0.30	0.28	0.30
Direction 4	0.31	0.29	0.29
Average	0.33	0.30	0.30

COMMENTS: None

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