




Report of Physical Property Tests

Test Specimens Provided by: **Las Vegas Rock, Inc.**
PO Box 19118
Jean, NV 89019

TradeName of Material: **Metaquartzite**
 Finish: **Polished**
 Country of Origin: **USA**
 Test Procedure: **ANSI A326.3 Standard Test Method for Measuring Dynamic Coefficient of Friction of Hard Surface Flooring Materials**
 Surfactant: **0.05% Concentration of Sodium Lauryl Sulfate (per ANSI A326.3)**

Specimen Number	N	S	E	W	Specimen Average	Overall Average	Standard Deviation	Coefficient of Variation
MQ-pol-1	0.55	0.55	0.59	0.56	0.56			
MQ-pol-2	0.57	0.60	0.62	0.57	0.59			
MQ-pol-3	0.62	0.63	0.62	0.61	0.62	0.59	0.030	5.0%

Date of Tests: **Friday, September 14, 2018**
 Tests performed by: **R. Lawson**
 Report and Data Reviewed by: **C. Muehlbauer** 

These tests were performed on a BOT 3000 Automated Testing Device manufactured by Regan Scientific Instruments of Southlake, Texas, USA; Serial No. VS 901265800196. Last Date of Calibration: August 9, 2018.

Not all products with a wet **DCOF AcuTest** value over 0.42 are suitable for all applications. Type of use, traffic, contaminants, maintenance, expected wear, and manufacturer’s guidelines and recommendations are important and must also be considered by the specifier. ANSI A326.3 explains this in greater detail and should be reviewed carefully by anyone involved in picking the right tile for their next project!

The DCOF of installed tiles can change over time as a result of wear and surface contaminants. In addition to regular cleaning, deep cleaning and traction-enhancing maintenance may be needed periodically to maintain DCOF values.

Where floor tiles have a wet DCOF lower than 0.42, care must be exercised to ensure the tiles are not walked on while wet. In addition to choosing surfaces providing sufficient traction, providing adequate lighting and designing spaces to allow for suitable drainage will reduce slip/fall accidents. Proper footwear and shoe materials can also greatly improve traction and should be considered in any campaign to reduce slips and falls.