



STONeworld COMPANY INCORPORATED
15979 NORTH 76TH STREET
SUITE D
SCOTTSDALE AZ 85260-1207
USA

Analysis No. TS-S&T1801679
Report Date 09 April 2018
Quarry/Fabricator Mayer, AZ USA
Date Sampled 27 March 2018
Where Sampled Scottsdale, AZ USA
Sample Received 29 March 2018
Sampled By Client

This is to attest that we have examined Natural Stone identified: Arizona Schist (Sierra Brown) Schist (ASTM C 119 Classification as Other Stone)

When examined to the applicable requirements of:

- ASTM C 97-15 "Standard Test Method for Absorption and Bulk Specific Gravity of Dimensional Stone"
- ASTM C 99-15 "Standard Test Method for Modulus of Rupture of Dimensional Stone"
- ASTM C 170-15 "Standard Test Method for Compressive Strength of Dimensional Stone"
- ASTM C1353-15¹ "Standard Test Method for Abrasion Resistance of Dimension Stone Subjected to Foot Traffic Using a Rotary Platform Abraser"
- ASTM C 880-15 "Standard Test Method for Flexural Strength of Dimension Stone"

The material has the following average properties:

Average % Absorption	0.73
Average Bulk Specific Gravity	166.4 lbs/ft ³ 2 667 kg/m ³

Modulus of Rupture Perpendicular Dry 1 100 psi

Compressive Strength Perpendicular Dry 9 300 psi

Abrasion Resistance 10.5 lw

¹NOTE: For Igneous Samples we run ASTM C 241 for Sedimentary and Metamorphic Samples we run ASTM C 1353

Flexural Strength Perpendicular Dry 1 000 psi

END OF ANALYSIS

The attached Report of Test is an integral portion of this Summation Certificate.

Merrill Gee P.E. – Engineer in Charge



(Top View)



(Side View of Rift)

Sample as Received and Tested
Tested Perpendicular to the Rift