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ASTM Test Results: Milagro Sandstone

Test Summaries from April of 2019. In most cases they are the average from 5 samples.

These tests were performed by Natural Stone Institute on an Ohaus Laboratory balance Model AX2202/E
Test performed by M. Loflin and certified by C. Muehlbauer

ASTM C 170: Compressive Strength Milagro Sandstone average psi perpendicular to the rift 13,280 – Dry, 9,260 – Wet

ASTM C 170: Compressive Strength Milagro Sandstone average psi parallel to the rift 11,960 – Dry, 9,940 – Wet

ASTM min. Marble 7500 psi, Limestone 1800-8000, Granite 19000psi, Quartzitic Sandstone 4000 psi

ASTM C97: Absorption & Specific Gravity Milagro Sandstone average 3.01% Absorption and 2.402 lb/cu ft Specific Gravity

Marble max. .20%, 162-175 lb/cu ft, Limestone 3-12%, 110-160 lb/cu ft, Granite .4%, 160lb/cu ft

ASTM C880: Flexural Strength. Milagro Sandstone average psi rift orientation north-south: 2060 – Dry, 1840 – Wet

ASTM C880: Flexural Strength. Milagro Sandstone average psi vein cut: 1730 – Dry, 1180 - Wet

Marble min. 1000 psi, Limestone no requirement, Granite min 1200 psi, Quartzitic Sandstone no requirement

Complete Results Available upon request.