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ASTM Test results for MILAGRO SANDSTONE

All testing done by Natural Stone Institute on an Ohaus Laboratory Balance Model AX2202/E. Testing was performed in accordance to ALL ASTM requirements by M. Loflin and certified by C. Muehlbauer. In most cases they are the average from 5 samples. Test Summaries from April of 2019.

ASTM C170 Compressive Strength: "MILAGRO" average psi **perpendicular** to the rift 13,280–Dry, 9,260–Wet

ASTM C170 Compressive Strength: "MILAGRO": average psi **parallel** to the rift: 11,960–Dry, 9,940–Wet

ASTM minimum requirements for other stones: Marble 7500 psi, Limestone 1800-8000 psi, Granite 19000 psi, Quartzitic Sandstone 4000 psi

ASTM C97 Absorption & Specific Gravity: "MILAGRO" average 3.01% Absorption, 2.404 Specific Gravity / 150.01 Lbs / Cu. Ft.

ASTM minimum requirements for other stones: Marble max. 0.2%, 162-175 lb/cu ft, Limestone 3-12%, 110-160 lb/cu ft, Granite .4%, 160lb/cu ft

ASTM C880 Flexural Strength: "MILAGRO" average psi **rift orientation north-south**: 2060–Dry, 1840–Wet

ASTM C880 Flexural Strength: "MILAGRO" average psi **vein cut**: 1730–Dry, 1180–Wet

ASTM minimum requirements for other stones: Marble min. 1000 psi, Limestone: no requirement, Granite: min 1200 psi, Quartzitic Sandstone: No Requirement.

Complete test results available upon request.