

► **AVERAGE RESULTS FOR TESTS C-97, C-99, AND C-170:**

STONE DESCRIPTION	TEST C-97			TEST C-99		TEST C-170	
	WATER ABSORPTION %	DENSITY: POUNDS PER CUBIC FOOT	SPECIFIC GRAVITY	MODULUS OF RUPTURE PERPENDICULAR	MODULUS OF RUPTURE PARALLEL	COMPRESSIVE STRENGTH PERPENDICULAR	COMPRESSIVE STRENGTH PARALLEL
AMERICAN GRANITE™	0.17	172.3	2.68	1,575 psi	1,184 psi	15,770 psi	13,061 psi
CORINTHIAN GRANITE®	0.17	172.3	2.68	2,559 psi	2,063 psi	21,392 psi	20,323 psi
CROWN POINT GRANITE™	0.19	165.5	2.65	2,498 psi	1,120 psi	29,000 psi	26,810 psi
GREAT MEADOW LIMESTONE®	0.33	170.6	2.73	1,600 psi	2,190 psi	10,636 psi	12,358 psi
SARATOGA GRANITE™	0.17	172.3	2.68	1,575 psi	1,184 psi	15,770 psi	13,061 psi
SOUTH BAY QUARTZITE®	0.86	152.7	2.66	1,058 psi	855 psi	14,350 psi	13,340 psi
SUMMIT GRANITE®	0.076	180.8	2.89	N/A	N/A	24,660 psi	34,840 psi
TICONDEROGA GRANITE®	0.19	165.5	2.65	2,498 psi	1,120 psi	29,000 psi	26,810 psi
VAN TASSELL GRANITE®	0.27	165.8	2.66	2,620 psi	2,120 psi	24,000 psi	19,200 psi
WOOD CREEK GRANITE®	0.19	165.5	2.65	2,498 psi	1,120 psi	29,000 psi	26,810 psi
1763 GRANITE®	0.19	165.5	2.65	2,498 psi	1,120 psi	29,000 psi	26,810 psi

► **AVG. RESULTS FOR TEST C-880:**

**FLEXURAL STRENGTH**

CORINTHIAN GRANITE® - Seam Face	7,581 psi
CORINTHIAN GRANITE® - Split Face	7,734 psi

► **AVG. TEST RESULTS FOR EMITTANCE:**

**REFLECTANCE (ρ) MEASURED**

**NEAR NORMAL EMITTANCE (ε) CALCULATED**

CORINTHIAN GRANITE®	.14	.86
SOUTH BAY QUARTZITE®	.12	.88
WOOD CREEK GRANITE®	.09	.91

► **AVG. TEST RESULTS FOR REFLECTANCE, SRI:**

**% SOLAR REFLECTANCE**

**SRI**

CORINTHIAN GRANITE®	21.9	20
SOUTH BAY QUARTZITE®	49.5	58
WOOD CREEK GRANITE®	41.5	48

► **AVG. STATIC COEFFICIENT OF FRICTION VALUES (SCOF) - DRY NEOLITE:**

**CALIBRATION FACTOR**

**SCOF VALUE**

CORINTHIAN GRANITE® - Thermaled	.07	.81
CORINTHIAN GRANITE® - Rubber Brush	.07	.80
SOUTH BAY QUARTZITE® - Sandblast	.07	.76

► **AVG. STATIC COEFFICIENT OF FRICTION VALUES (SCOF) - WET NEOLITE:**

**CALIBRATION FACTOR**

**SCOF VALUE**

CORINTHIAN GRANITE® - Thermaled	.08	.83
CORINTHIAN GRANITE® - Rubber Brush	.08	.81