



SUBMITTAL PAGE



TO: (Name, Title) (Company)	SUBMITTAL #
	DATE:
MATERIAL BEING SUBMITTED GRANITE	DATE NEEDED BY:
	PROJECT NAME:
	PROJECT #

SUMMARY INFORMATION:

Stone Type	ASTM Standard	Absorption (max) per ASTM C 97	Density (min) per ASTM C 97		Modulus of Rupture (min) ASTM C 99 ^{(9),(10)}		Compressive Strength (min) ASTM C 170		Abrasion Resistance (min) ASTM C 241	Flexural Strength (min) ASTM C 880	
		%	lbs/ft ³	kg/m ³	lbs/in ²	Mpa	lbs/in ²	Mpa	H _v	lbs/in ²	Mpa
Granite	ASTMC 615	0.40%	160	2,560	1,500	10.34	19,000	131	25	1,200	8.27
Marble	ASTMC 503	0.20%	162	2,590	1,000	6.89	7,500	52	10	1,000	6.89
Limestone ⁽¹⁾	ASTMC 568	12.00%	110	1,760	400	2.76	1,800	12	10	n/a	n/a
Limestone ⁽²⁾	ASTMC 568	7.50%	135	2,160	500	3.45	4,000	28	10	n/a	n/a
Limestone ⁽³⁾	ASTMC 568	3.00%	160	2,560	1,000	6.89	8,000	55	10	n/a	n/a
Quartz-Based ⁽⁴⁾	ASTMC 616	8.00%	125	2,000	350	2.41	4,000	28	2	n/a	n/a
Quartz-Based ⁽⁵⁾	ASTMC 616	3.00%	150	2,400	1,000	6.89	10,000	69	8	n/a	n/a
Quartz-Based ⁽⁶⁾	ASTMC 616	1.00%	160	2,560	2,000	13.79	20,000	138	8	n/a	n/a
Slate ⁽⁷⁾	ASTMC 629	0.25%	n/a	n/a	9,000	62.05	n/a	n/a	8	n/a	n/a
Slate ⁽⁸⁾	ASTMC 629	0.45%	n/a	n/a	7,200	49.64	n/a	n/a	8	n/a	n/a

SUBMITTED BY: **JIM VALEQUETT**
OLD WORLD COBBLE LLC.