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Affiliated Producers



Table Rock  
Quarries, Inc.



Appalachian  
Stone Co., Inc.

## Technical Specifications Architectural Series

Absorption	Average of 5 Test Specimens of Each Color Listed Below									
	Coyote Gray	Diamondback Ridge	Emerald Mountain	Grand Cayman	Lake James	Mount Mitchell	Queensbury	San Marcos	Santa Monica	Southern Eclipse
24 Hour Submersion in Cold Water (%)	0.90%	1.03%	0.90%	1.50%	0.90%	0.65%	0.97%	0.95%	1.20%	0.40%
5 Hour Submersion in Boiling Water (%)	1.00%	1.19%	1.00%	1.70%	1.00%	0.80%	1.10%	1.15%	1.35%	0.60%
Saturation Coefficient (Ratio of 24 H to 5 H)	0.88	0.87	0.88	0.94	0.88	0.82	0.88	0.85	0.91	0.76
Exterior Volume (cm3)	45.48	33.20	45.48	39.00	45.48	49.53	39.34	46.29	42.24	53.58
Volume of Open Pores (cm3)	1.24	1.08	1.24	1.64	1.24	1.09	1.16	1.29	1.44	0.94
Volume of Impervious Portion (cm3)	44.24	32.12	44.24	37.36	44.24	48.44	38.18	45.00	40.80	52.64
Apparent Porosity (%)	2.73%	3.24%	2.73%	4.22%	2.73%	2.25%	2.99%	3.00%	3.48%	1.77%
Apparent Specific Gravity	2.69	2.82	2.69	2.67	2.69	2.93	2.76	2.92	2.68	3.17
Bulk Density (g/cm3)	2.62	2.73	2.62	2.55	2.62	2.87	2.68	2.83	2.59	3.11
C674 Modulus of Rupture	Average of 10 Test Specimens of Each Color Listed Below									
	Coyote Gray	Diamondback Ridge	Emerald Mountain	Grand Cayman	Lake James	Mount Mitchell	Queensbury	San Marcos	Santa Monica	Southern Eclipse
psi	7053.6	8296.2	7053.6	4766.9	7053.6	5236.3	7674.9	4092.95	5910.25	3419.0
MPa	48.6	57.2	48.6	32.9	48.6	36.1	52.9	28.25	40.75	23.6

All testing performed in accordance with ASTM C67, ASTM C20, and ASTM C674