

Semi-Weathering Grey Green from the Wells Northeast Quarry was tested per ASTM specifications. A summary of the results is as follows:

1. Water Absorption, C121-06, 0.163% (ASTM max. For S1 slate is 0.25%).
2. Modulus of Rupture, C120-06, 611 lbs, Ave. thickness 0.253 in. (ASTM min. For S1 slate is 575 lbs)
3. Weather Resistance, C217-94, 0.0019 in. (ASTM max. For S1 slate is 0.002 in.)

Tables 1,2 and 3 list the individual tests. From the specimens tested, this variety of roofing slate does qualify as a S1 slate.

Modulus of Rupture tests were conducted on a Tinius Olsen Testing Machine calibrated October 2018. The Weather Resistance tests were conducted using the hand scraping method. Thickness measurements were taken a

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Sea Green - Wells Northeast Quarry

TABLE 1 - WATER ABSORPTION
Average 0.163%

Specimen No.	Absorption %
1	0.155
2	0.164
3	0.160
4	0.180
5	0.163
6	0.150

TABLE 2 - MODULUS OF RUPTURE
Average 611lbs 0.253 in

Specimen No.	Load lbs.	Thick in
1	790	0.254
2	510	0.221
3	915	0.279
4	448	0.252
5	673	0.247
6	615	0.251
7	445	0.230
8	520	0.264
9	611	0.253
10	583	0.279

TABLE 3 - WEATHER RESISTANCE
Average 0.0019 in.

Specimen No.	Depth of Softening in.
1	0.0024
2	0.0013
3	0.0020