

*Amber Consulting Co.*

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October 9, 2007

Andrew Lee  
SolarStone, LLC  
1070 SW Coleman Ave.  
Port St. Lucie, FL 34953

Dear Mr. Lee:

Gray-Green Roofing Slate from the XingZi Quarry, JiuJiang, Jiang Xi Province, China was tested per ASTM specifications. A summary of the results is as follows:

1. Water Absorption, C121-90, 0.133% (ASTM max. for S1 slate is 0.25%).
2. Modulus of Rupture, C120-05, 725 lbs, Ave. thickness 0.298 in.  
(ASTM min. for S1 slate is 575 lbs)
3. Weather Resistance, C217-94, 0.0008 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 2006. The Weather Resistance tests were conducted using the hand scraping method. Thickness measurements were taken at three (3) different locations along the scrape track. The average depth of softening was recorded.

Please let us know if we can be of further assistance.

Very truly yours,



Thomas H. Olson, MSME  
Test Engineer

Enclosure: Page 2 – Results

SolarStone

Name: Gray-Green Roofing Slate

Quarry: XingZi, JiuJiang, Jiang Xi Province, China

Address: Xing County, JiuJiang, Jiang Xi Province, China

TABLE 1- WATER ABSORPTION

Specimen No.	Absorption %
1	0.134
2	0.157
3	0.184
4	0.097
5	0.093
6	0.134
Average	0.133%

TABLE 2- MODULUS OF RUPTURE

Specimen No.	Load lbs	Thick in	Stress psi
1	614	0.292	5510
2	725	0.307	5897
3	928	0.324	6772
4	255	0.283	2435
5	785	0.300	6689
6	700	0.276	7050
7	742	0.282	7150
8	590	0.302	4968
9	750	0.299	6423
10	1166	0.317	8928
Average	725 lbs	0.298 in	

TABLE 3- WEATHER RESISTANCE

Specimen No.	Depth of Softening in.
1	0.0007
2	0.0009
3	0.0008
Average	0.0008 in.