

Amber Consulting Co.

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October 12, 2007

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

Dear Mr. Lee:

Midnight Black Roofing Slate from the Tian Bao Xiang Quarry, Zao Xi County, HeBei Province, China was tested per ASTM specifications. A summary of the results is as follows:

1. Water Absorption, C121-90, 0.161% (ASTM max. for S1 slate is 0.25%).
2. Modulus of Rupture, C120-05, 777 lbs, Ave. thickness 0.282 in.
(ASTM min. for S1 slate is 575 lbs)
3. Weather Resistance, C217-94, 0.0002 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: Midnight Black Roofing Slate

Quarry: Tian Bao Xiang, Zao Xi County, HeBei Province, China

Address: Tian Bao Xiang, Zao Xi County, HeBei Province, China

TABLE 1- WATER ABSORPTION

Specimen No.	Absorption %
1	0.160
2	0.158
3	0.160
4	0.161
5	0.168
6	0.159
Average	0.161%

TABLE 2- MODULUS OF RUPTURE

Specimen No.	Load lbs	Thick in	Stress psi
1	870	0.271	9008
2	500	0.274	5049
3	550	0.290	4960
4	638	0.290	5806
5	1240	0.307	10133
6	525	0.270	5496
7	660	0.270	6869
8	720	0.267	7678
9	1120	0.292	10002
10	940	0.291	8463
Average	777 lbs	0.282 in	

TABLE 3- WEATHER RESISTANCE

Specimen No.	Depth of Softening in.
1	0.0002
2	0.0001
3	0.0004
Average	0.0002 in.