

SGS

SILISTAR

Test Report No: 174809-1R

Date: June 2, 2003

SUBJECT: Flame Spread Classification and Smoke Density Developed.

SAMPLE ID: Samples of "MIRATON" Engineered Stone" was received from the client on 3/10/03. The samples were received in good condition.

PROCEDURE: The samples were evaluated for surface flammability and smoke development in accordance with ASTM E 84-97a. No revisions to this report are allowed 90 days after the report date.

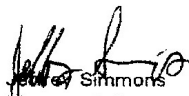
TEST DATES: 4/7/03.


RESULTS: On the following page.

CONCLUSION: The samples comply with Surface Flammability and Smoke Development in accordance with ASTM E 84-97a.

CERTIFICATION: The tests reported here were conducted under the continuous direct supervision of SGS U.S. Testing Company Inc., Tulsa, OK.

**SIGNED FOR AND ON BEHALF OF
SGS U.S. TESTING COMPANY INC.**


bk
Manager Laboratory Operations


Dale E. Holloway
Branch Manager Laboratory Operations

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Test Procedure and Results

FLAME SPREAD:

Ignition:	4 minutes, 11 seconds
Flame Front:	8 feet maximum
Time to max. spread:	8 minutes, 46 seconds
Test Duration:	10 minutes
Calculation:	$28.34 \times 0.515 = 14.59$
Summary:	Flame Spread: 15 Smoke Density: 270

Observations:

Sample surface ignition occurred at 4 minutes, 11 seconds. A maximum flame front advance of 8 feet was observed at 8 minutes, 46 seconds.

End of Report