REPORT OF TEST

SGS U.S. Testing Company Inc.

1341 North 108th. East Avenue
Tulsa, OK 74116
Tel: 918-437-8333
Fax: 918-437-8487

CLIENT:	Rendered by Manufacturer for Acoustical Surfaces Inc. 123 Columbia Court North, Suite 201 Chaska, MN 55318 Attn: Tod Kean
SUBJECT:	Testing of Non-Woven Natural Fiber Insulation for Compliance with ASTM C 739-97 Sections, 9.0, 11,0, 13.0, and 15.0 adn ASTM E84
SAMPLE ID:	Multiple pieces of Non-Woven Natural Fiber Insulation were received from the client on 12/27/99. The samples were received in good conditon.
PROCEDURE:	The material was tested for Compliance with ASTM C 739-97 Sections, 9.0, 11.0, 13.0, and 15.0 and ASTM E84.
Test Dates:	1/5/00 – 2/14/00.
RESULTS:	The results are on the following page.

Signed for the Company

Jeff Simmons
Bk Dept. manager/Product Evaluation

Dale E. Holleway
Tulsa Branch Director

REPORT OF TEST

SGS U.S. Testing Company Inc.

Report No.: 135052
Date: 2/14/00

CLIENT: Rendered by Manufacturer for
Acoustical Surfaces Inc.
123 Columbia Court North, Suite 201
Chaska, MN 55318

RESULTS:

ASTM C 739, Loose Fill Cellulose Insulation

		Observed	Required	
9.0	Corrosiveness			Pass
	Aluminum	Non-corrosive	(Non-corrosive)	
	Carbon Steel	Non-corrosive	(Non-corrosive)	
	Copper	Non-corrosive	(Non-corrosive)	
11.0	Fungi Resistance			Pass
		Resistant	(Resistant)	
13.0	Fungi Resistance			Pass
		Not objectionable	Not objectionable	

15.0 Thermal Resistance (3 per inch, Minimum)

Test Results	Thickness Inches	Thermal Resistance, Total (R)
A	3.008	10.1
B	3.006	10.3

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23 Columbia Court North, Suite 201
Chaska, MN 55318

ASTM E 84, Flame Spread Index

	Flame Spread Index	Smoked Developed Value
5	5	35

Observations:

Ignition was noted after 33 seconds followed by charring of the specimen directly exposed to the flame. Also observed was nominal flaking. Afterburn was evident upon test completion.

Rating:

The National Fire Protection Association Life Safety Code 101, Section 6-5.3, “Interior Wall and Ceiling Finish Classification”, has a means of classifying materials with respect to Flame Spread and Smoke Developed when tested in accordance with NFPA 255, “Method”, (ASTM E-84).

The classifications are as follows:

Class A Interior Wall & Ceiling Finish:	Flame Spread -	0 – 25
	Smoke Developed -	0 – 450
Class B Interior Wall & Ceiling Finish:	Flame Spread -	26 – 75
	Smoke Developed -	0 – 450
Class C Interior Wall & Ceiling Finish:	Flame Spread -	76 – 200
	Smoke Developed -	0 – 450

Since the sample received a Flame Spread of 5 and a Smoke Developed Value of 35, it would fall into the Class A Interior Wall & Ceiling Finish Category.

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End of Report