



CLIENT: INSUL-QUILTS, INC.
1432 Chico Avenue
South El Monte, Ca 91733
Diane Hester

Test Report No: 178904

Date: August 5, 2003

SAMPLE ID: The Client submitted and identified the following test materials as Insul-Quilt Acoustical Sound Blanket. Note: The side opposite the foil laminate was exposed to the flame source.

DATE OF RECEIPT: Entered into SGS USTC sample tracking system on July 16, 2003 as STN 36722.

TESTING PERIOD: August 5, 2003.

AUTHORIZATION: Testing authorized by Diane Hester.

TEST REQUESTED: Perform standard flame spread and smoke density developed classification tests on the sample supplied by the Client in accordance with ASTM Designation E84-03, "Standard Method of Test for Surface Burning Characteristics of Building Materials". The foregoing test procedure is comparable to UL 723, ANSI/NFPA No. 255, and UBC No. 8-1.

TEST RESULTS:	<u>Flame Spread</u>	<u>Smoke Density</u>
	0	0

For detailed results see page 3.

Tested by

Brian Ortega
Test Technician

Signed for and on behalf of
SGS U.S. Testing Company Inc.

Greg Banasky
Supervisor Fire Technology

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PREPARATION AND CONDITIONING: The sample material was submitted in one piece, 24" wide by 24' long. The sample was supported during testing by 2" hexagonal mesh poultry netting running the length of the test chamber and ¼" round metal rods placed at two foot intervals across the width of the test chamber.

Prior to testing, the specimen was placed in the conditioning room (maintained at $73.4 \pm 5^\circ$ F and a relative humidity of $50 \pm 5\%$) and allowed to reach moisture equilibrium.

SUMMARY OF ASTM E84 RESULTS: Because of the possible variations in reproducibility, the results are adjusted to the nearest figure divisible by 5.

<u>SAMPLE IDENTIFICATION</u>	<u>FLAME SPREAD</u>	<u>SMOKE DENSITY</u>
Insul-Quilt Acoustical Sound Blanket	0	0

In order to obtain the Flame Spread Classification, the above results should be compared to the following table:

<u>NFPA CLASS</u>	<u>UBC CLASS</u>	<u>FLAME SPREAD</u>
A	I	0 through 25
B	II	26 through 75
C	III	76 through 200

BUILDING CODES CITED:

1. National Fire Protection Association, ANSI/NFPA No. 101, "Life Safety Code", 1994 Edition.
2. Uniform Building Code, 1994 Edition, Chapter 8, Interior Finishes, Sections 801-807.



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E 84 TEST DATA SHEET:

CLIENT: INSUL-QUILTS, INC. DATE: 08/05/03

SAMPLE: Insul-Quilt Acoustical Sound Blanket

FLAME SPREAD:

IGNITION: Did not ignite

FLAME FRONT: 0 feet maximum

TIME TO MAXIMUM SPREAD: N/A

TEST DURATION: 10 minutes

CALCULATION: N/A

N/A = Not applicable.

SUMMARY: FLAME SPREAD: 0 SMOKE DENSITY: 0

OBSERVATIONS: Sample surface ignition was not observed.

End of Report