

SGS

Note from Soundproofing Company :

Green Glue has a Class A Fire Rating

CLIENT: GREEN GLUE COMPANY
710 11th Avenue North East
West Fargo, ND 58078
Brent Ravnaas

Test Report No: 914:010361

Date: February 12, 2008

SAMPLE ID: The Client submitted and identified the following test material as Green Glue applied to cement board at a coverage rate of 65 sq.ft./gal. See preparation details on page 2.

DATE OF RECEIPT: Entered into SGS USTC sample tracking system on March 16, 2007.

TESTING PERIOD: April 11, 2007.

AUTHORIZATION: Testing authorized by Brent Ravnaas.

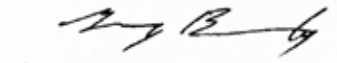
TEST REQUESTED: Perform standard flame spread and smoke density developed classification tests on the sample supplied by the Client in accordance with ASTM Designation E84-07, "Standard Method of Test for Surface Burning Characteristics of Building Materials". The foregoing test procedure is comparable to UL 723, ANSI/NFPA No. 255, and UBC No. 8-1.

TEST RESULTS:	<u>Flame Spread</u>	<u>Smoke Density</u>
	15	50
	For detailed results see page 2.	

Tested by


Brian Ortega
Test Technician

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


Greg Banasky
Supervisor Fire Technology

Page 1 of 2

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Report No.: 914:010361
Date: February 12, 2008
Page: 2 of 2

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PREPARATION: The sample material was applied to three pieces, 22" wide by 96" long, of 1/4" cement board with a 1/8" V-notched trowel at a coverage rate of 65 sq.ft./gal. The resulting ridges were flattened out to simulate being compressed between two layers of building material.

E 84 TEST DATA SHEET:

CLIENT: Green Glue Company DATE: 04/11/07

SAMPLE: Green glue applied to cement board at a coverage rate of 65 sq.ft./gal

FLAME SPREAD:

IGNITION: 1 minute, 30 seconds

FLAME FRONT: 4.5 feet maximum

TIME TO MAXIMUM SPREAD: 4 minutes, 50 seconds

TEST DURATION: 10 minutes

CALCULATION: $32.04 \times 0.515 = 16.50$

SUMMARY: FLAME SPREAD: 15 SMOKE DENSITY: 50

SUMMARY OF ASTM E84 RESULTS: Because of the possible variations in reproducibility, the results are adjusted to the nearest figure divisible by 5. Smoke Density values over 200 are rounded to the nearest figure divisible by 50

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>	<u>SMOKE DENSITY</u>
A	I	0 through 25	Less than or equal to 450
B	II	26 through 75	Less than or equal to 450
C	III	76 through 200	Less than or equal to 450

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.

End of Report