



# FIRE TESTING LABORATORY

SURFACE BURNING CHARACTERISTICS • ASTM E-84-04 • AUDIO ALLOY, LLC

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## **MATERIAL TESTED:**

Samples submitted for evaluation by Audio Alloy, LLC, Midland, MI, were described as:

## **Green Glue - Visco Elastic Sound Dampening Compound**

The material was trowel applied to 1/4" thick reinforced cement board with a 1/8" V-notched trowel. The resulting ridges were flattened out to simulate being compressed between two layers of building materials and forming a composite building unit.

The test samples were conditioned at 70°F and 50% RH prior to testing.

The test was conducted in accordance with test method ASTM-E84.

## **METHOD OF SUPPORT:**

Three test specimens were placed end to end on the furnace ledge to achieve the required 24 ft. length for each test.

The applied material was exposed to the fire.

### **LABORATORY RESPONSIBILITY**

NGC Testing Services makes no judgment of product suitability for its intended end use. Product acceptance of field installations is usually the prerogative of the authority having jurisdiction.

Report by:

R.A. Cosrolnick  
Senior Test Engineer

Reviewed by:

R.J. Menchetti  
Director



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## AUDIO ALLOY LLC • FH-1534 • 1/26/2005

RESULTS:				
MATERIAL TESTED	TEST NO.	SUPPORT	CALCULATED FLAME SPREAD	CALCULATED SMOKE DEVELOPED
GREEN GLUE visco-elastic sound dampening compound	1	TROWEL APPLIED TO 1/4" CEMENT BOARD	29.07	75.63
GREEN GLUE visco-elastic sound dampening compound	1	TROWEL APPLIED TO 1/4" CEMENT BOARD	33.28	56.16

MATERIAL TESTED	TEST NO.	SUPPORT	FLAME SPREAD INDEX*	SMOKE DEVELOPED INDEX*
GREEN GLUE visco-elastic sound dampening compound	1	TROWEL APPLIED TO 1/4" CEMENT BOARD	30	65

\* Flame Spread/Smoke Developed Index is the result (or average of the results of multiple tests), rounded to the nearest multiple of 5. Smoke Developed in excess of 200 is the average rounded to the nearest 50.



1650 Military Road • Buffalo, NY 14217-1198  
 (716) 873-9750 • Fax (716) 873-9753 • ngctest@nationalgypsum.com