

CLIENT: AMERICAN FRAME MFG. CO., INC.
7560 Bristow Ct., Unit B
San Diego, CA 92154
Geza Hambalko

Test Report No: RJ0044	Date: January 6, 2009
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TEST LAB: 8385 White Oak Avenue, Rancho Cucamonga, CA 91730.

SAMPLE ID: The Client submitted and identified the following test material as Fire Shield No. 12 Foam.

DATE OF RECEIPT: Entered into SGS USTC sample tracking system on December 15, 2008.


TESTING PERIOD: December 19, 2008.

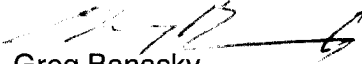
AUTHORIZATION: Testing authorized by Geza Hambalko.

TEST REQUESTED: Perform standard flame spread and smoke density developed classification tests on the sample supplied by the Client in accordance with ASTM Designation E84-08, "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 Developed</u>
	20	300

For detailed results see page 2.

Tested by

Brian Ortega
Test Technician

Signed for and on behalf of
Quality Auditing Institute, LLC

Greg Banasky
Supervisor Fire Technology

CLIENT: AMERICAN FRAME MFG. CO., INC.

PREPARATION AND CONDITIONING: The sample material was submitted in six pieces, 22" wide by 48" long, conforming to test chamber dimensions.

E 84 TEST DATA SHEET:

CLIENT: AMERICAN FRAME MFG. CO., INC. DATE: 12/31/08

SAMPLE: Fire Shield No. 12 Foam.

FLAME SPREAD:

IGNITION: 53 seconds

FLAME FRONT: 8 feet maximum

TIME TO MAXIMUM SPREAD: 8 minutes, 43 seconds

TEST DURATION: 10 minutes

CALCULATION: 42.42 X 0.515 = 21.84

SUMMARY: FLAME SPREAD: 20 SMOKE DEVELOPED: 300 (311.75)

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 DEVELOPED</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", 2006 Edition.
2. International Building Code, 2006 Edition, Chapter 8, Interior Finishes, Section 803.

End of Report

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