



SGS U.S. Testing Company Inc.

5555 Telegraph Road • Los Angeles, CA 90040 • Tel: 323-838-1600 • Fax: 323-722-8251

CLIENT: AMERICOVER, INC.
2067 Wineridge Pl., Ste F
Escondido, CA 92029
Teven Riedel

Test Report No: 174451-2

Date: February 25, 2003

SAMPLE ID: The Client submitted and identified the following test material as Black 4 mil FR Film.

DATE OF RECEIPT: Entered into SGS USTC sample tracking system on January 31, 2003 as STN 35912.

TESTING PERIOD: February 24, 2003.

AUTHORIZATION: Testing authorized by Rob Barry.

TEST REQUESTED: Perform standard flame spread and smoke density developed classification tests on the sample supplied by the Client in accordance with ASTM Designation E84-01, "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>
	10	40

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

Page 1 of 4

This report is issued by SGS U.S. Testing Company Inc. under its General Conditions for Testing Services (copy available on request). SGS U.S. Testing's responsibility under this report is limited to proven negligence and will in no case be more than the amount of the testing fees. Except by special arrangement, samples are not retained by SGS U.S. Testing for more than 30 days. The results shown on this test report refer only to the sample(s) tested unless otherwise stated, under the conditions agreed upon. Anyone relying on this report should understand all of the details of the engagement. Neither the name, seals, marks nor insignia of SGS U.S. Testing may be used in any advertising or promotional materials without the prior written approval of SGS U.S. Testing. The test report cannot be reproduced, except in full, without prior written permission of SGS U.S. Testing Company Inc.



SGS U.S. Testing Company Inc.

CLIENT: AMERICOVER, INC.

Report No.: 174451-2
Date: February 25, 2003
Page: 2 of 4

PREPARATION AND CONDITIONING: The sample was submitted in two pieces 24" wide by 12' long, conforming to chamber dimensions. 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 ±5° F and a relative humidity of 50 ± 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>
Black 4 mil	10	40

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.



SGS U.S. Testing Company Inc.

CLIENT: AMERICOVER, INC.

Report No.: 174451-2
Date: February 25, 2003
Page: 3 of 4

E 84 TEST DATA SHEET:

CLIENT: Americover, Inc. DATE: 2/21/03

SAMPLE: Black 4 mil FR Film

THICKNESS: 0.004." nominal

FLAME SPREAD:

IGNITION: 8 seconds

FLAME FRONT: 1.5 feet maximum

TIME TO MAXIMUM SPREAD: 18 seconds

TEST DURATION: 10 minutes

CALCULATION: $14.64 \times 0.515 = 7.54$

SUMMARY: FLAME SPREAD: 10 SMOKE DENSITY: 40

OBSERVATIONS: Sample surface ignition occurred at 8 seconds. A maximum flame front advance 1.5 feet was observed at 18 seconds.



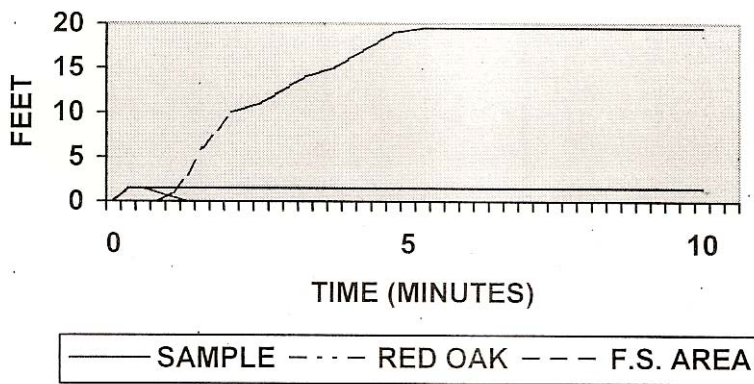
SGS U.S. Testing Company Inc.

US-D-OPS-04-03-T

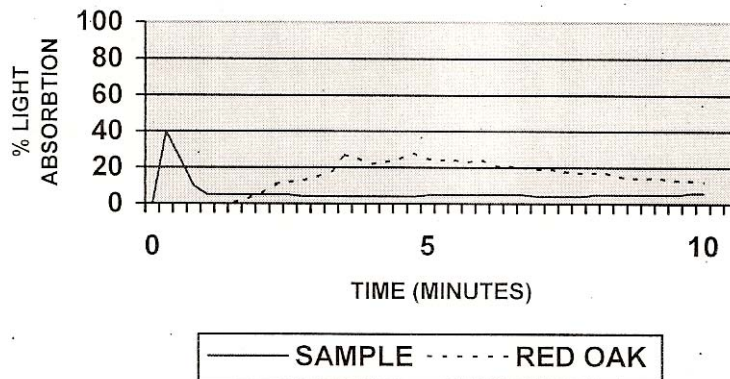
Report No.: 174451-2
Date: February 25, 2003
Page: 4 of 4

CLIENT: AMERICOVER, INC.

FLAME SPREAD BLACK 4 MIL FR FILM



SMOKE DEVELOPED BLACK 4 MIL FR FILM



End of Report