SGS

CLIENT: **Americover Inc.**
2067 Wineridge Pl., Ste F
Escondido, CA 92029

Test Report No: 247580	**Date: February 14, 2005**

The following sample was submitted by the Client as: 6mil FR Polyethylene

DATE OF RECEIPT: FEBRUARY 8, 2005

TESTING PERIOD: FEBRUARY 10, 2005

AUTHORIZATION: Clients Letter

TEST REQUESTED: The submitted sample was tested for Surface Burning Characteristics in accordance with the procedures outlined in ASTM E84-04.

TEST RESULTS: Continued on the following pages

PREPARED BY:

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SIGNED FOR AND ON BEHALF OF
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CLIENT: **Americover Inc.**

RESULTS:

INTRODUCTION:

This report presents test results of Flame Spread and Smoke Developed Values per ASTM E-84-04. The report also includes Material Identification, Method of Preparation, Mounting and Conditioning of the specimens.

The tests were performed in accordance with the specifications set forth in ASTM E-84-04, Standard Test Method for Surface Burning Characteristics of Building Materials, both as to equipment and test procedure. This test procedure is similar to UL-723, ANSI No. 2.5, NFPA No. 255 and UBC 42-1.

The test results cover two parameters: Flame Spread and Smoke Developed Values during a 10-minute fire exposure. Inorganic cement board and red oak flooring are used as comparative standards and their responses are assigned arbitrary values of 0 and 100, respectively.

PREPARATION AND CONDITIONING:

One piece of sample 21 inches wide X 24 feet long was into the fire chamber supported on screen and rods for testing.

The sample was conditioned at 73° ± 5° Fahrenheit and 50 ± 5% relative humidity.

TEST PROCEDURE:

The tunnel was thoroughly pre-heated by burning natural gas. When the brick temperature, sensed by a floor thermocouple, had reached the prescribed 105° Fahrenheit ± 5° Fahrenheit level, the sample was inserted in the tunnel and test conducted in accordance with the standard ASTM E-84-04 procedures.

The operation of the tunnel was checked by performing a 10-minute test with inorganic board on the day of the test.

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RESULTS:

TEST RESULTS:

The test results, calculated in accordance with ASTM E-84-04 for Flame Spread and Smoke Developed Values are as follows:

Test Specimen	: 6mil FR Polyethylene
Flame Spread Index*	:15
Smoke Developed Value	:0

*Rounded off to the nearest 5 units. Graphs of the Flame Spread, Smoke Developed and Time-Temperature are shown on the attached charts at the end of this report.

OBSERVATIONS

Ignition was noted at 10 seconds followed by charring, melting, shrinkage, flaming dripping and floor burning of the sample.

RATING:

The National Fire Protection Association Life Safety Code 101, Section 6-5.3, 'Interior Wall and Ceiling Finish Classification", has a means of classifying materials with respect to Flame Spread and Smoke Developed when tested in accordance with NFPA 255, "Method of Test of Surface Burning Characteristics of Building Materials", (ASTM E-84).

The classifications are as follows:

Class A Interior Wall & Ceiling Finish:	Smoke Developed -	0-25
	Flame Spread -	0-450
Class B Interior Wall & Ceiling Finish:	Smoke Developed –	26-75
	Flame Spread -	0-450
Class C Interior Wall & Ceiling Finish:	Smoke Developed -	76-200
	Flame Spread -	0-450

Since the sample received a Flame Spread of 1 5 and a Smoke Developed Value of 0, it would fall into the Class A Interior Wall & Ceiling Finish Category.

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End of Report