



COUNTY OF PRINCE WILLIAM
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DEPARTMENT OF
PUBLIC WORKS
Division of
Building Development

Robert W. Wilson
Director

PRODUCT APPROVAL 96-04
July 3, 2003

Division 09: Finishes **Section 09770: Special Wall Surfaces**

Product: Mexican Rain Cape **Manufacturer: Safari Thatch, Incl**
(Woven Palm Thatch) **2036 N. Dixie Highway**
Immersed in Series III **Fort Lauderdale, FL 33305**
FR Coating

Report: SGS U. S. Testing Company Inc.
Test Report 169868-1 (attached)

CONDITIONS

- . Based on the SGS U. S. Testing report this product complies with the requirement of the BOCA National Building Code/1996, Section 807.0 Interior Hangings and Decorations. However, material is not noncombustible, and it is a flameresistant material. Therefore, in accordance with 807.1.2 Flameresistant the product shall not exceed 10 percent of the total wall and ceiling area.
2. A Building Permit Application must be submitted delineating the percentage of the interior hanging/decoration to the total wall or ceiling area. Once the permit is approved and issued, a building inspection is required.

Eric M. Mays, P.E., C.B.O.
Building Official

Cc: Product Approval Folder
Building Plan Review Branch
Construction Inspections Branch

Aug 13 02 08:50a

Matt Goodson

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p.2


Aug 12 02 03:27p

Terry Velarde

323 722 8251

p.2

US-D-OPS-04-01-T



SGS U.S. Testing Company Inc.

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

CLIENT: SAFARI THATCH AND BAMBOO
 2036 N. Dixie Hwy
 Fort Lauderdale, FL 33305
 Doug Wilson

Test Report No:	16986B-1	Date:	August 12, 2002
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SAMPLE ID: The Client submitted and identified the following test material as Mexican Rain Cape (woven palm thatch) Interior, immersed in Series III Saturant Mfg. by Pro-Fire Industries, LLC.

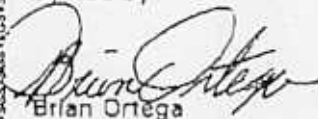
DATE OF RECEIPT: Entered into SGS USTC sample tracking system on June 13, 2002 as STN 34960.


TESTING PERIOD: July 29, 2002.

AUTHORIZATION: Testing authorized by Doug Wilson.

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>
	0	105
	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

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Member of the SGR Group (Société Générale de Surveillance)

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SGS U.S. Testing Company Inc. US-D-OPS-04-03-T



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Report No.: 169868-1

CLIENT: SAFARI THATCH AND BAMBOO

Date: August 12, 2002

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PREPARATION AND CONDITIONING: The sample material was submitted in six pieces, 24" wide by 48" long, conforming to test chamber dimensions. The sample was supported during testing by 2" hexagonal mesh poultry netting running the length of the test chamber and 1/4" 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>
Mexican Rain Cape, (woven palm thatch) Interior, immersed in Series III Saturant Mfg. by Pro-Fire Industries, LLC.	0	105

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.

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CLIENT: SAFARI THATCH AND BAMBOO

Date: August 12, 2002

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E 84 TEST DATA SHEET:

CLIENT: Safari Thatch And Bamboo DATE: 7/29/02

SAMPLE: Mexican Rain Cape (woven palm thatch) Interior, immersed in Series III Saturant Mfg. by Pro-Fire Industries, LLC.

THICKNESS: 3/4" nominal

FLAME SPREAD:

IGNITION: 2 minutes, 22 seconds

FLAME FRONT: 0 feet maximum

TIME TO MAXIMUM SPREAD: N/A

TEST DURATION: 10 minutes

CALCULATION: N/A

N/A => Not applicable.

SUMMARY: FLAME SPREAD: 0 SMOKE DENSITY: 105

OBSERVATIONS: Sample surface ignition occurred at 2 minutes, 22 seconds. A flame front advance was not observed.

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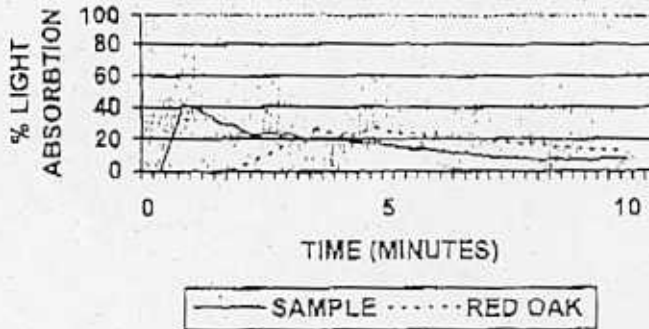
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CLIENT: SAFARI THATCH AND BAMBOO

SMOKE DEVELOPED
MEXICAN RIAN CAPE (WOVEN PALM THATCH), INTERIOR



End of Report