

Fire & Smoke Testing Summary — SGS U.S. Testing Company Inc.

Testing Company:

SGS U.S. Testing Company Inc.
5555 Telegraph Road
Los Angeles, CA 90040
Tel: 213-838-1600
Fax: 213-722-8251

Report Information

Client: The Texston Company, 8011 Webb Avenue, North Hollywood, CA 91605

Report Numbers and Dates:

- 114597-1 – Veneciano Slaked Lime Plaster – Date: 9/22/1998
- 114597-2 – Marmorino/ Antico Slaked Lime Plaster – Date: 9/22/1998
- 114597-3 – Terra Limestone Cement Plaster – Date: 9/22/1998

Test Objective

To evaluate flame spread classification and smoke density development of three plaster finishes produced by The Texston Company, using ASTM E84-97a standards—comparable to UL 723, ANSI/NFPA No. 255, and UBC No. 8-1.

Test Methodology

- Standard Used: ASTM E84-97a — "Standard Method of Test for Surface Burning Characteristics of Building Materials"
- Substrate: ¼" inorganic reinforced cement board
- Sample Size: Three panels per product, each 24" wide x 96" long
- Conditioning: Samples stabilized at 73.4°F ± 5°F and 50% ± 5% RH
- Test Duration: 10 minutes
- Supervision: Application and testing witnessed by laboratory personnel

Samples Tested and Results

Report No.	Product	Flame Spread	Smoke Density	Classification
114597-1	Veneciano Slaked Lime Plaster	0	0	NFPA Class A / UBC Class I

114597-2	Marmorino/Antico Slaked Lime Plaster	0	0	NFPA Class A / UBC Class I
114597-3	Terra Limestone Cement Plaster	0	5	NFPA Class A / UBC Class I

🔥 NFPA Class A applies to flame spread 0–25, indicating excellent fire resistance.

Detailed Findings

- Ignition: None of the samples ignited.
- Flame Front Advance: 0 feet for all three products.
- Maximum Spread: Not applicable (no ignition observed).
- Time Duration: 10 minutes for each test.

Smoke Density Graph (for Terra Plaster only)

- Found on page 10, compares Terra to Red Oak.
- Terra maintained minimal smoke development throughout the 10-minute period.

Code Compliance

All tested plasters meet the highest fire classification standards:

- NFPA 101, Life Safety Code (1994 Edition)
- UBC 1994, Chapter 8, Interior Finishes, Sections 801–807

Authorized Personnel

- Testing Authorized by: Nurit Regev
- Prepared by: Greg Banasky, Test Technician
- Signed by: Michael S. Elliott, Manager, Fire Tech Dept., SGS

Original Testing Report — SGS US Testing Report (9/22/1998)

7K9-2233

Co. docs.



SGS U.S. Testing Company Inc.

5555 Telegraph Road
Los Angeles, CA 90040
Tel: 213 838-1600
Fax: 213 722-8251

REPORT NUMBER: 114597-1
DATE: 9/22/98
PAGE: 1 OF 3

REPORT OF TEST

CLIENT: THE TEXTSTON COMPANY
8011 Webb Avenue
North Hollywood, Ca 91605

SUBJECT: FLAME SPREAD CLASSIFICATION AND SMOKE DENSITY
DEVELOPED

REFERENCES: 1. Our confirmation to the Client dated September 21, 1998.
2. Test sample received on September 16, 1998.
3. Testing conducted on September 22, 1998.
4. Testing authorized by Nurit Regev.

SAMPLE ID: The Client submitted and identified the sample material as:

Veneciano Venetian Plaster

TEST
PROCEDURE: Perform standard flame spread and smoke density developed classification
tests on the sample supplied by the Client in accordance with ASTM
Designation E84-97a, "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.

PREPARED BY:


Greg Banasky
Test Technician

SIGNED FOR COMPANY BY:


Michael S. Elliott
Manager/Fire Tech. Dept.

Member of the SGS Group

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OUT THE WRITTEN PERMISSION OF THE SGS U.S. TESTING COMPANY INC. SAMPLES NOT DESTROYED IN TESTING ARE DISPOSED OF AFTER 30 DAYS.



SGS U.S. Testing Company Inc.

REPORT NUMBER: 114597-1

DATE: 9/22/98

PAGE: 2 OF 3

CLIENT: THE TEXSTON COMPANY

**PREPARATION AND
CONDITIONING:**

The plaster was trowel applied to three pieces, 24" wide by 96" long, of 1/4" inorganic reinforced cement board. The application was witnessed by Laboratory personnel.

Prior to testing, the samples were placed in the conditioning room (maintained at $73.4 \pm 5^{\circ}\text{F}$ and a relative humidity of $50 \pm 5\%$) 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>
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Veneciano Venetian Plaster	0	0
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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.

REPORT NUMBER: 114597-1

DATE: 9/22/98

PAGE: 3 OF 3

CLIENT: THE TEXSTON COMPANY

E 84 TEST DATA SHEET: CLIENT: The Texston Company DATE: 9/22/98

SAMPLE: Venecianc Venetian Plaster

SUBSTRATE: 1/4" ir organic reinforced cement board

FLAME SPREAD:

IGNITION: Did Not Ignite

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: 0

OBSERVATIONS:

Sample surface ignition was not observed during the ten minute test period.

End of Report

REPORT OF TEST



SGS U.S. Testing Company Inc.

5555 Telegraph Road
Los Angeles, CA 90040
Tel: 213 838-1600
Fax: 213 722-8251

REPORT NUMBER: 114597-2

DATE: 9/22/98

PAGE: 1 OF 3

REPORT OF TEST

CLIENT: THE TEXSTON COMPANY
8011 Webb Avenue
North Hollywood, Ca 91605

SUBJECT: FLAME SPREAD CLASSIFICATION AND SMOKE DENSITY
DEVELOPED

REFERENCES:

1. Our confirmation to the Client dated September 21, 1998.
2. Test sample received on September 16, 1998.
3. Testing conducted on September 22, 1998.
4. Testing authorized by Nurit Regev.

SAMPLE ID: The Client submitted and identified the sample material as:

Marmorino Venetian Plaster :

TEST PROCEDURE: Perform standard flame spread and smoke density developed classification tests on the sample supplied by the Client in accordance with ASTM Designation E84-97a, "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.

PREPARED BY:


Greg Banasky
Test Technician

SIGNED FOR COMPANY BY:


Michael S. Elliott
Manager/Fire Tech. Dept.

Member of the SGS Group

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SGS U.S. Testing Company Inc.

REPORT NUMBER: 114597-2

DATE: 9/22/98

PAGE: 2 OF 3

CLIENT: THE TEXTON COMPANY

**PREPARATION AND
CONDITIONING:**

The plaster was trowel applied to three pieces, 24" wide by 96" long, of 1/4" inorganic reinforced cement board. The application was witnessed by Laboratory personnel.

Prior to testing, the samples were 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>
----------------------------------	-------------------------	--------------------------

Marmorino Venetian Plaster	0	0
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In order to obtain the Flame Spread Classification, the above results should be compared to the following table:

<u>NFPA CLASS</u>	<u>IBC CLASS</u>	<u>FLAME SPREAD</u>
A	I	0 through 25
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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.

REPORT OF TEST



SGS U.S. Testing Company Inc.

REPORT NUMBER: 114597-2

DATE: 9/22/98

PAGE: 3 OF 3

CLIENT: THE TEXTON COMPANY

E 84 TEST DATA SHEET: CLIENT: The Texton Company DATE: 9/22/98

SAMPLE: Marmorino Venetian Plaster

SUBSTRATE: 1/4" inorganic reinforced cement board

FLAME SPREAD: IGNITION: Did Not Ignite

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: 0

OBSERVATIONS: Sample surface ignition was not observed during the ten minute test period.

End of Report

REPORT OF TEST



SGS U.S. Testing Company Inc.

5555 Telegraph Road
Los Angeles, CA 90040
Tel: 213 838-1600
Fax: 213 722-8251

REPORT NUMBER: 114597-3
DATE: 9/22/98
PAGE: 1 OF 4

REPORT OF TEST

CLIENT: THE TEXSTON COMPANY
8011 Webb Avenue
North Hollywood, Ca 91605

SUBJECT: FLAME SPREAD CLASSIFICATION AND SMOKE DENSITY
DEVELOPED

REFERENCES: 1. Our confirmation to the Client dated September 21, 1998.
2. Test sample received on September 16, 1998.
3. Testing conducted on September 22, 1998.
4. Testing authorized by Nurit Regev.

SAMPLE ID: The Client submitted and identified the sample material as:

Terra Venetian Plaster

TEST
PROCEDURE: Perform standard flame spread and smoke density developed classification
tests on the sample supplied by the Client in accordance with ASTM
Designation E84-97a, "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.

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SGS U.S. Testing Company Inc.

REPORT NUMBER: 114597-3

DATE: 9/22/98

PAGE: 2 OF 4

CLIENT: THE TEXSTON COMPANY

**PREPARATION AND
CONDITIONING:**

The plaster was trowel applied to three pieces, 24" wide by 96" long, of 1/4" inorganic reinforced cement board. The application was witnessed by Laboratory personnel.

Prior to testing, the samples were placed in the conditioning room (maintained at $73.4 \pm 5^{\circ}\text{F}$ and a relative humidity of $50 \pm 5\%$) 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>
----------------------------------	-------------------------	--------------------------

Terra Venetian Plaster	0	5
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In order to obtain the Flame Spread Classification, the above results should be compared to the following table:

<u>NFPA CLASS</u>	<u>IBC CLASS</u>	<u>FLAME SPREAD</u>
A	I	0 through 25
B	II	26 through 75
C	III	76 through 200

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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.

REPORT OF TEST



SGS U.S. Testing Company Inc.

REPORT NUMBER: 114597-3

DATE: 9/22/98

PAGE: 3 OF 4

CLIENT: THE TEXSTON COMPANY

E 84 TEST DATA SHEET: CLIENT: The Texston Company DATE: 9/22/98SAMPLE: Terra Venetian PlasterSUBSTRATE: 1/4" inorganic reinforced cement board

FLAME SPREAD:

IGNITION: Did Not IgniteFLAME FRONT: 0 feet maximumTIME TO MAXIMUM SPREAD: N/ATEST DURATION: 10 minutesCALCULATION: N/A

N/A = Not Applicable.

SUMMARY:

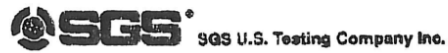
FLAME SPREAD: 0

SMOKE DENSITY: 5

OBSERVATIONS:

Sample surface ignition was not observed during the ten minute test period.

REPORT OF TEST



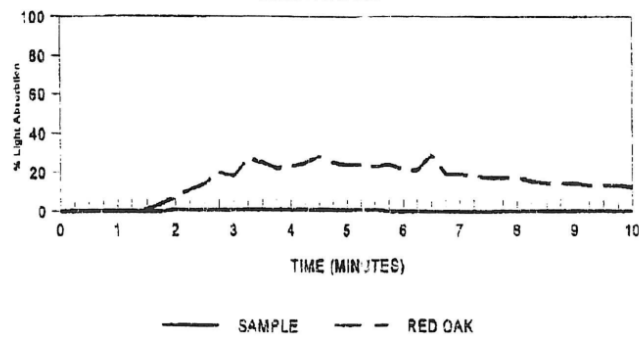
REPORT NUMBER: 114597-3
DATE: 9/22/98
PAGE: 4 OF 4

CLIENT: THE TEXSTON COMPANY

REPORT OF TEST

SMOKE DENSITY

TERRA PLASTER



End of Report

