



CLIENT: HEIDI PIERCE DESIGN GROUP
987 Chattahoochie Ave. NW, Ste. 3
Atlanta, GA 30318
Sean Quinton

Test Report No: 1184848

Date: November 26, 2007

SAMPLE ID: The Client submitted and identified the following test material as Heidi Pierce Wallcovering, Style: Plaster, Composition: latex paint, Venetian plaster, Backing: 100% Cotton fiber paper applied to cement board panels with Shur-Stik 111 wallcovering adhesive.

DATE OF RECEIPT: Entered into SGS USTC sample tracking system on November 13, 2007.

TESTING PERIOD: November 20, 2007.

AUTHORIZATION: Testing authorized by Sean Quinton.

TEST REQUESTED: Perform standard flame spread and smoke density developed classification tests on the sample supplied by the Client in accordance with ASTM Designation E84-07 "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: Flame Spread Smoke Density

15

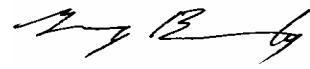
5

For detailed results see page 2.

Tested by

**Signed for and on behalf of
SGS U.S. Testing Company Inc.**


Brian Ortega
Test Technician


Greg Banasky
Supervisor Fire Technology

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PREPARATION AND CONDITIONING: **PREPARATION AND CONDITIONING:** The sample material was cut into three pieces, 22" wide by 96" long, and adhered to pieces of cement board with Shur-Stik 111 wallcovering adhesive.

Prior to testing, the specimen was placed in the conditioning room (maintained at $73.4 \pm 5^\circ$ F and a relative humidity of $50 \pm 5\%$) and allowed to reach moisture equilibrium.

E 84 TEST DATA SHEET:

CLIENT: HEIDI PIERCE DESIGN GROUP DATE: 11/20/07

SAMPLE: Heidi Pierce Wallcovering, Style: Plaster applied to cement board panels with Shur-Stik 111 wallcovering adhesive.

FLAME SPREAD:

IGNITION: 24 seconds

FLAME FRONT: 3.5 feet maximum

TIME TO MAXIMUM SPREAD: 37 seconds

TEST DURATION: 10 minutes

CALCULATION: $33.23 \times 0.515 = 17.11$

SUMMARY: FLAME SPREAD: 15 SMOKE DENSITY: 5

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 DENSITY</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", 1994 Edition.
2. Uniform Building Code, 1994 Edition, Chapter 8, Interior Finishes, Sections 801-807.