



**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

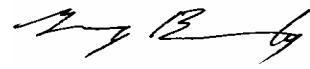
5

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

Page 1 of 2

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.



Report No.: 1184848  
Date: November 26, 2007  
Page: 2 of 2

CLIENT: HEIDI PIERCE DESIGN GROUP

---

**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.