Test Report No: 610893R1  Date: August 29, 2006

REVISED REPORT: This report supersedes all previous reports bearing the reference number 610893, originally issued on May 22, 2006.

SAMPLE ID: The Client submitted and identified the following test material as: The sample presented for testing was that of an actual acoustical wall section, constructed as it would be in the field; the wall section was made to conform to the dimensions of the test chamber which was 22 inches wide by 24 feet in length. See details of sample construction on page 2.


AUTHORIZATION: Testing authorized by Milt Morris.

TEST REQUESTED: Perform standard flame spread and smoke density developed classification tests on the sample supplied by the Client in accordance with ASTM Designation E84-05, "Standard Method of Test for Surface Burning Characteristics of Building Materials". The foregoing test procedure is comparable to UL 723, ANSI/IFPA No. 255, and UBC No. 8-1.

TEST RESULTS:

<table>
<thead>
<tr>
<th>Flame Spread</th>
<th>Smoke Developed</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>145</td>
</tr>
</tbody>
</table>

For detailed results see page 3.

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

Greg Banasky  
Supervisor Fire Technology

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.
We Identify and S.T.O.P. Your Noise Problem

Preparation and Conditioning: The sample material was submitted in three sections, 22" wide by 96" long.

Sample Construction Details: The assembly consisted of 5/8 drywall, around the perimeter of which was attached the subject of the test. Wallmate® Fabric Wallmount Systems' Fabric Mounting Track, 1 1/16 series, Mineral Wool Acoustical Core was attached to the interior of the framework, Gulford FR701 Acoustical Fire Rated Fabric was the decorative finish which was stretched and locked into the Wallmate® perimeter mountings.

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.

Cement Board Placement: The cement boards were placed between the specimen and the furnace lid assembly.

Summary of ASTM E84 Results: Because of the possible variations in reproducibility, the results are adjusted to the nearest figure divisible by 5. Smoke Developed values over 200 are rounded to the nearest figure divisible by 50.

<table>
<thead>
<tr>
<th>Sample Identification</th>
<th>Flame Spread</th>
<th>Smoke Developed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acoustical Wall Section</td>
<td>15</td>
<td>145</td>
</tr>
</tbody>
</table>

Rating:


The classifications are as follows:

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

Since the sample received a Flame Spread of 15 and a Smoke Developed Value of 145, it would meet the parameters for a Class A Interior Wall & Ceiling Finish Category.
CLIENT: Rendered by Manufacturer and Released to:  
Acoustical Surfaces, Inc., 123 Columbia Court North,  
Chaska, MN 55318

Report No.: 610893R1  
Date: August 29, 2006  
Page: 3 of 4

E 84 TEST DATA SHEET:

DATE: 04/11/06

CLIENT:                      

SAMPLE: Acoustical Wall Section

FLAME SPREAD:

IGNITION: 1 minute, 15 seconds

FLAME FRONT: 3.5 feet maximum

TIME TO MAXIMUM SPREAD: 2 minutes, 1 second

TEST DURATION: 10 minutes

CALCULATION: 28.65 X 0.515 = 14.75

SUMMARY: FLAME SPREAD: 15   SMOKE DEVELOPED: 145

OBSERVATIONS: Sample surface ignition was observed at 1 minute, 15 seconds. A flame front advance of 3.5 feet was observed at 2 minutes, 1 second. Floor burning was noted commencing at 7 minutes, 30 seconds and continuing for the duration of the test.