Acoustical Surfaces, Inc.
We Identify and S.T.O.P. Your Noise Problems
Sound Transmission Obscuring Products
Soundproofing, Acoustics, Noise & Vibration Control Specialists ™

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123 Columbia Court North • Suite 201 • Chaska, MN 55318
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Email: sales@acousticalsurfaces.com
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SGS

CLIENT: Rendered by Manufacturer and Released to:
Acoustical Surfaces, Inc.
123 Columbia Court North
Chaska, MN 55322

Attn.: Stan Alexander

Test Report No:	**176114-R**	**Date:**	**May 6, 2003**

SUBJECT: Testing Flammability to UL 1715, Fire Test of Interior Finish Material.

REFERENCE: Purchase Order Number: 01137

SAMPLE ID: Client refers to samples received as **"SONEX Classic Colortec (COC-2)"**. Twenty-Four (24) samples of 2 x 4 ft material were used during the testing procedure. These samples were received on 6/2/99 in good condition from the client.

TEST REQUESTED: UL 1715, Fire Test of Interior Finish Material. This standard provides a procedure for the design and control of the method. This was the procedure used to generate this report and data obtained from the test. Installation of the sample was specified as by the manufacturer's instructions, using Liquid Nails Brand Adhesive – LN-910 Paneling and Molding Adhesive. No revisions of this report will be allowed after 90 days of the original report issue.

CONCLUSION: This material **"SONEX Classic Colortec (COC-2)"** meets the requirements set forth by UL 1715 Fire Test of Interior Finish Material as mentioned in Section 3, Performance, Subsections 3.2 and 3.3.

CERTIFICATION: The tests reported here were conducted under the continuous direct supervision of SGS U.S. Testing Company Inc., Tulsa, OK.

SIGNED FOR AND ON BEHALF OF SGS U.S. TESTING COMPANY INC.

Jeffrey Simmons
bk Manager Laboratory Operations

Dale E. Holloway
Branch Manager Laboratory Operations

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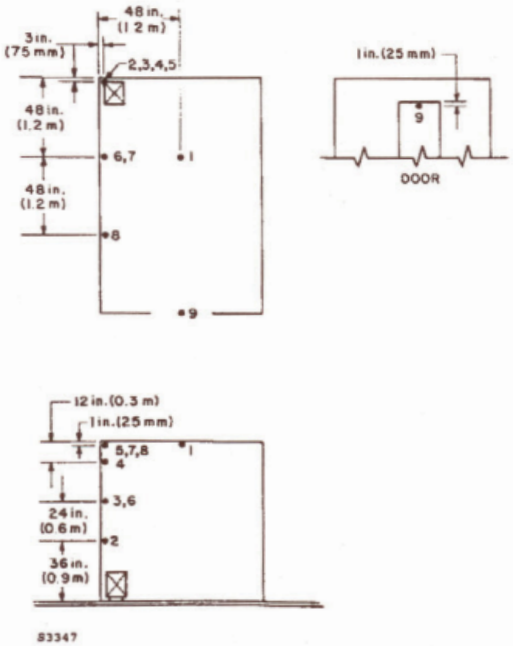
Test Procedure and Results

Maximum Temperatures

880 °F (Thermocouple #1)	Maximum allowed: N/A
1774 °F (Thermocouple #2)	Maximum allowed: N/A
1620 °F (Thermocouple #3)	Maximum allowed: N/A
1501 °F (Thermocouple #4)	Maximum allowed: N/A
1256 °F (Thermocouple #5)	Maximum allowed: N/A
446 °F (Thermocouple #6)	Maximum allowed: N/A
1150 °F (Thermocouple #7)	Maximum allowed: N/A
831 °F (Thermocouple #8)	Maximum allowed: N/A
682 °F (Thermocouple #9)	Maximum allowed: N/A

FIGURE 9.1
THERMOCOUPLE LOCATIONS



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Visuals (during testing):

0:00:00 – Ignition of crib

0:00:25 – Flaming of material reached ceiling – Flame front did not continue to the horizontal wall and ceiling seams

0:00:35 – White smoke generated by material

0:02:25 – Corner material (above crib) penetrated by flame

0:02:30 – Ceiling material (above crib) penetrated by flame

0:04:20 – Smoke significantly reduced in room (burning of material had minimized)

0:15:00 – Testing was stopped (extinguished)

Flame Spread Visuals: *(See video)*

Flaming nor charring did not extend to the extremities of the sample material. Damage diminishes at increasing distance from the immediate fire exposure area.

Measurements of Charring:

* Along 12 ft wall – 8 ft.
* Along 8 ft wall – 7 ft.
* Diagonal across ceiling (from corner) – 4 ft

Notes: Flaming was not seen along the ceiling edges joining the wall sections. The charring of the material was viewed as an effect of the extreme temperature experienced in the test room. All measurements of charring were taken at the farthest visible charred location. The temperature estimated for charring of the material is approximately 800 °F.

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PHOTOS:

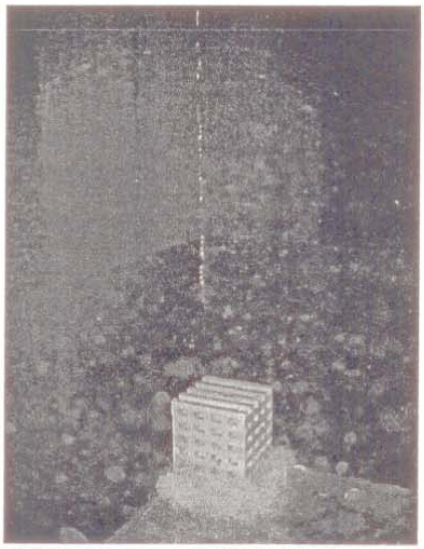

PHOTO 1. Photo of Installation of 'SONEX Classic Colortec (COC-2)'

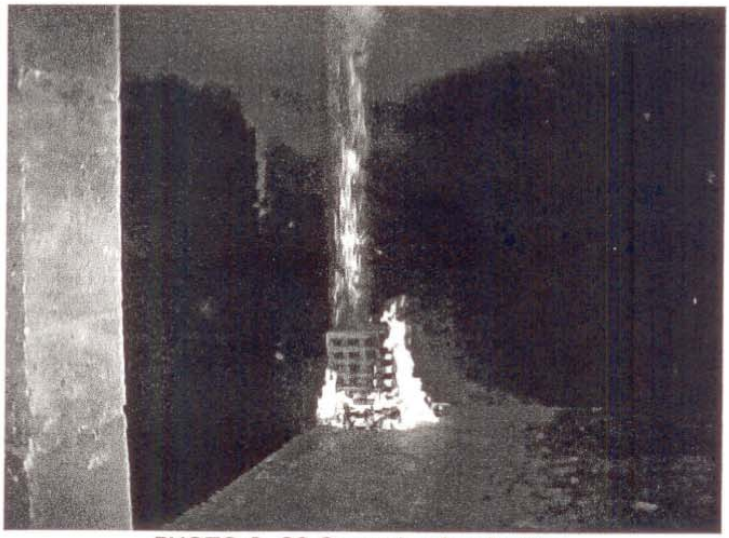

PHOTO 2. 30 Seconds after Ignition

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PHOTOS Cont'd.:

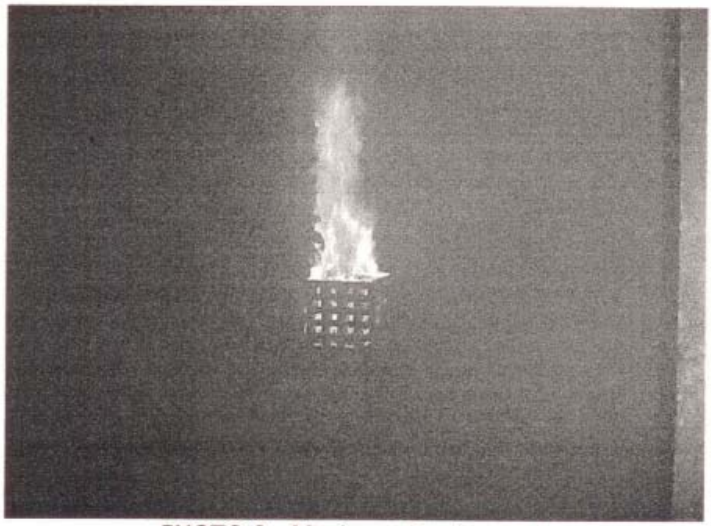

PHOTO 3. Maximum Involvement

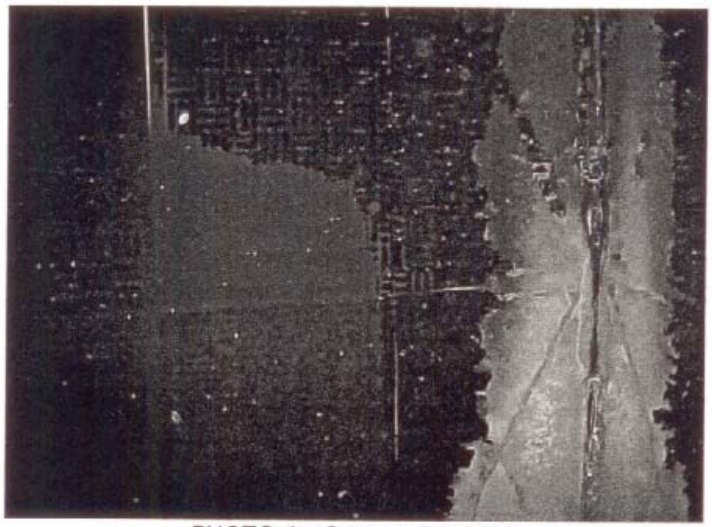

PHOTO 4. Corner after Test

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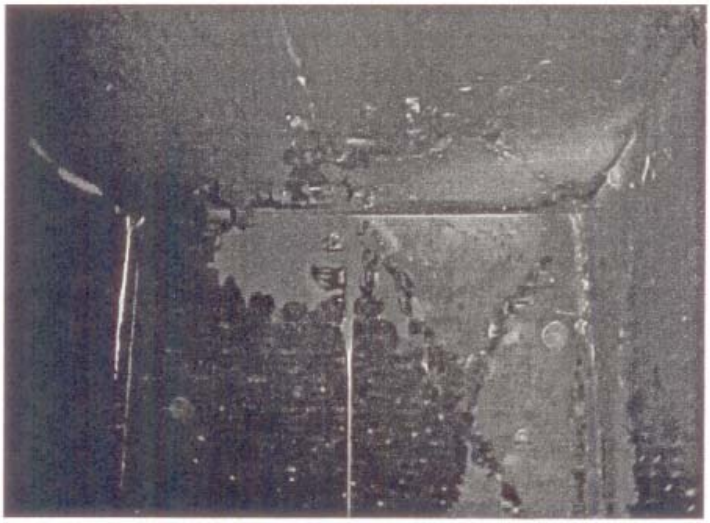

PHOTO 5. Ceiling Corner after Test

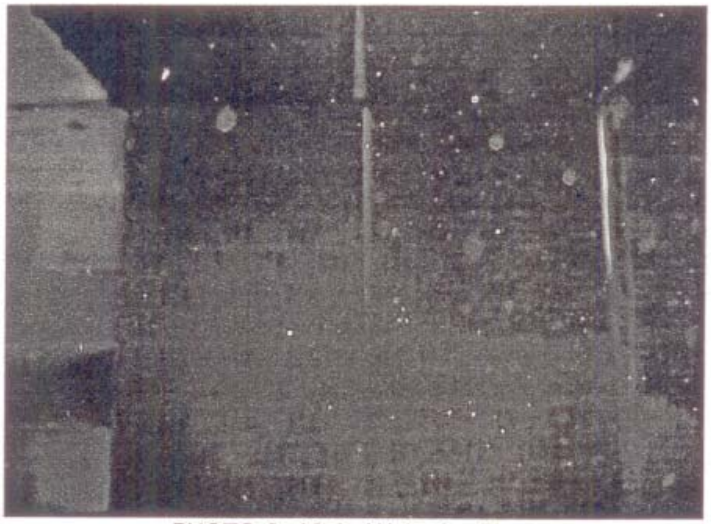

PHOTO 6. 12 ft. Wall after Test

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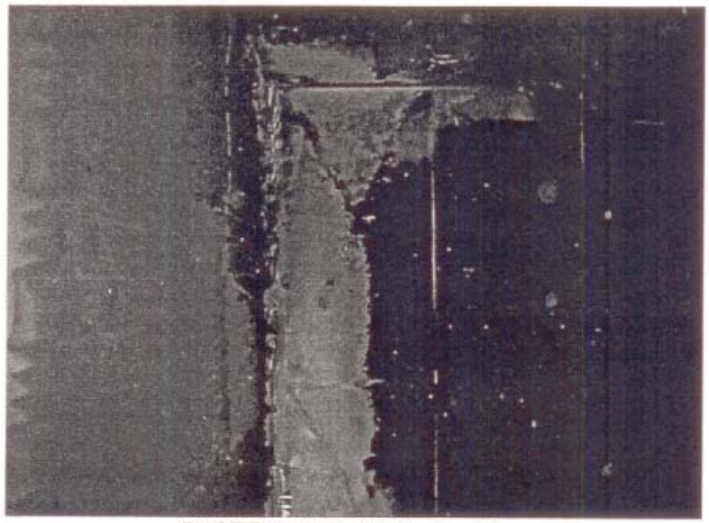

PHOTO 7. 8 ft. Wall after Test

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END OF REPORT