SOUND ABSORPTION TEST REPORT NO. AB11-131

JB Martin pleated, 2.5 Fullness, with 3 pass Flametrol backing
(Type "G-125" mounting)

CLIENT: **Complete Soundproofing**
3750 Riviera Dr. #3
San Diego, CA 92109

13 June 2011

TEST DATE: 16 May 2011

INTRODUCTION

The methods and procedures used for this test conform to the provisions and requirements of ASTM Procedure C 423-08, *Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method*. Copies of the test standard are available at www.astm.org. The test chamber volume is 275 cubic meters. Western Electro-Acoustic Laboratory is accredited by the United States Department of Commerce, National Institute of Standards and Technology under the National Voluntary Accreditation Program (NVLAP) Lab Code 100256-0 for this test procedure. This test report relates only to the item(s) tested. This report must not be used to claim product certification, approval, or endorsement by WEAL, NVLAP, NIST or any agency of the federal government.

DESCRIPTION OF TEST SPECIMEN

The test specimen was a Complete Soundproofing acoustic curtain. The curtain was hung on a traverse rod which extended 125 mm (5 inches) out from the test chamber wall. According to the client the curtain was:

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The net dimensions of the hanging curtain were 1.42 m (56 inches) wide by 1.42 m (56 inches) high. The overall weight of the specimen was 5.22 kg (11.5 lbs.). The area used to calculate the absorption coefficients was the projected area of the hanging pleated curtain.

Test results are presented on the following page.

Respectfully submitted,
Western Electro-Acoustic Laboratory

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Gary E. Mange
Laboratory Director

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Mounting per ASTM E 795-00: Type G-125
Area tested: 21.78 ft^2 (2.02 m^2)
Temperature: 71.8° F
Humidity: 47.9%
Pressure: 28.65 in. of Hg

TEST RESULTS

1/3 Octave Band Absorption Data

Frequency in Hz	Absorption in Sabins	Absorption Coefficients
100	0.0	0.00
125	1.4	0.06
160	1.5	0.07
200	5.9	0.27
250	9.4	0.43
315	15.0	0.69
400	19.5	0.90
500	18.6	0.85
630	19.4	0.89
800	21.1	0.97
1000	18.4	0.84
1250	17.6	0.81
1600	19.0	0.87
2000	19.7	0.90
2500	19.5	0.90
3150	21.2	0.97
4000	21.3	0.98
5000	23.1	1.06

NRC 0.75
SAA 0.78

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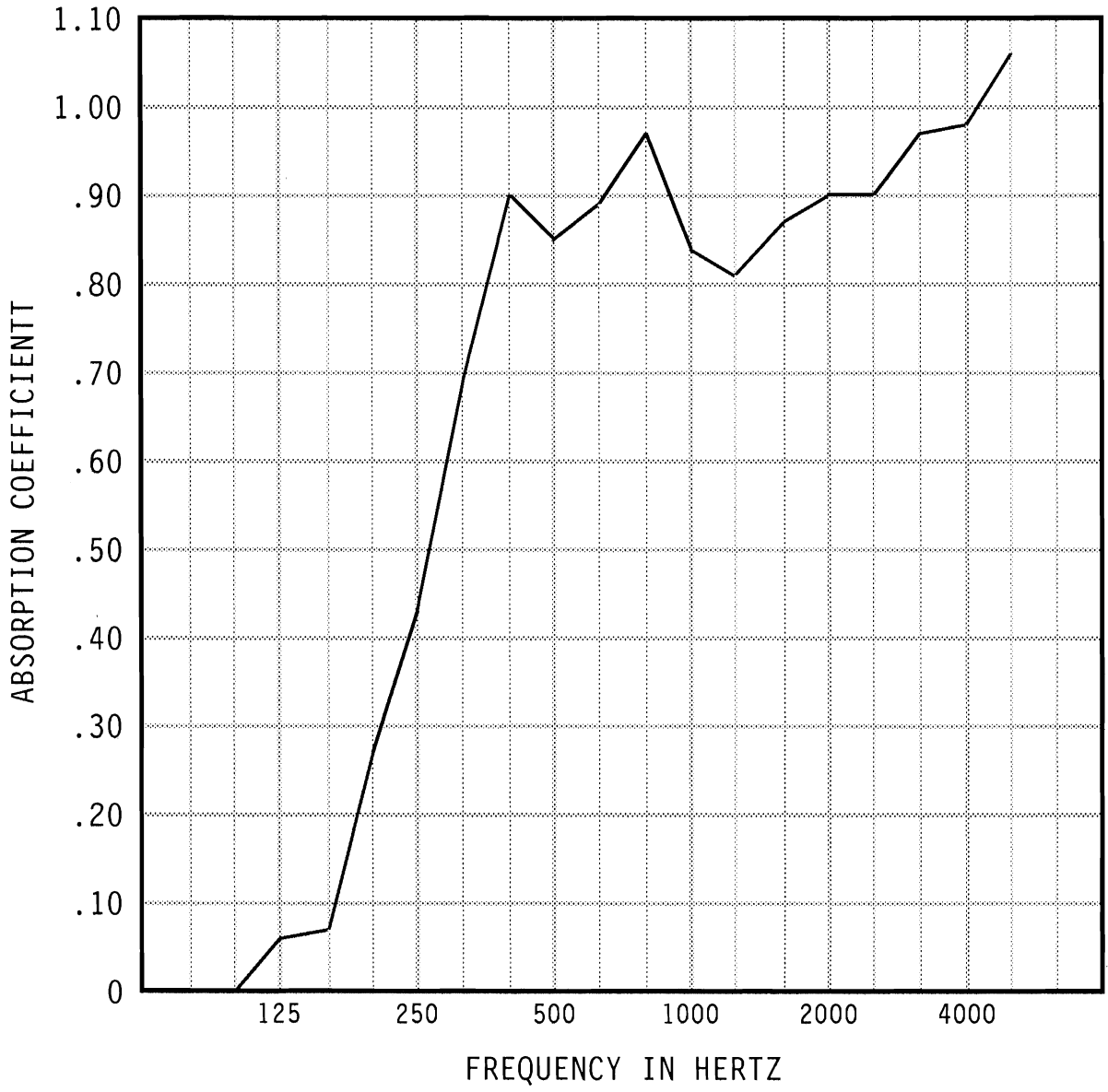

Specimen Area: 21.78 sq.ft.
Temperature: 71.8 deg. F
Relative Humidity: 47.9 %