



Acoustical Surfaces, Inc.

SOUNDPROOFING, ACOUSTICS, NOISE & VIBRATION CONTROL SPECIALISTS

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

PAGE 1 of 2

Riverbank Acoustical Laboratories (RAL)TM / An Alion Science Technical Center
 Sound Absorption and Sound Absorption Coefficients
 by the Reverberation Room Method ASTM C 423-07/NVLAP 08/P03

TEST NUMBER: A10-098 TEST DATE: MAY 14, 2010

CLIENT: Rendered by Manufacturer and Released to:
 Acoustical Surfaces, Inc.
 123 Columbia Court North, Chaska, MN 55318

DESIGNATION: MLV 1# + 1/4 Open Cell

DIMENSIONS: 96" x 102" x 0.35"

AREA: 68.0 ft²

WEIGHT: 73.5 lbs AREA WEIGHT: 1.08 lbs/ft²

MOUNTING: A EDGE SEAL: Steel

SPECIMEN DETAILS: 1@ 48" x 96" x 0.35" 1@ 54" x 96" x 0.35"

TEST ROOM DETAILS: Room 0 Volume = 10311 ft³ Area = 2864.3 ft²

FILE NAME: A10_098_100514_A.doc

RIVERBANK ACOUSTICAL LABORATORIES

1/3 OCTAVE CENTER FREQ. (Hz)	ABSORPTION COEFFICIENT	TOTAL ABSORPTION (SABINS)
40	0.01	0.41
50	-0.03	-1.89
63	-0.02	-1.11
80	0.04	2.91
100	-0.03	-2.13
125	0.00	-0.01
160	0.02	1.29
200	0.03	2.05
250	0.04	2.66
315	0.08	5.35
400	0.09	6.44
500	0.13	8.66
630	0.14	9.66
800	0.19	12.94
1000	0.24	16.01
1250	0.26	17.77
1600	0.30	20.37
2000	0.35	24.05
2500	0.36	24.49
3150	0.35	23.56
4000	0.39	26.79
5000	0.47	32.11
6300	0.53	35.89
8000	0.72	49.11
10000	0.81	55.15

SOUND ABSORPTION AVERAGE [SAA] = 0.18
NOISE REDUCTION COEFFICIENT [NRC] = 0.20

Test Conducted by: Dean Victor

This single report page and accompanying graph contain the instantaneous raw data as provided to the client after testing of the specimen. This data, although accurate, is incomplete without the full specimen description, mounting details and signature pages. The full report referenced by the RAL test number above should be consulted for further information regarding these results.

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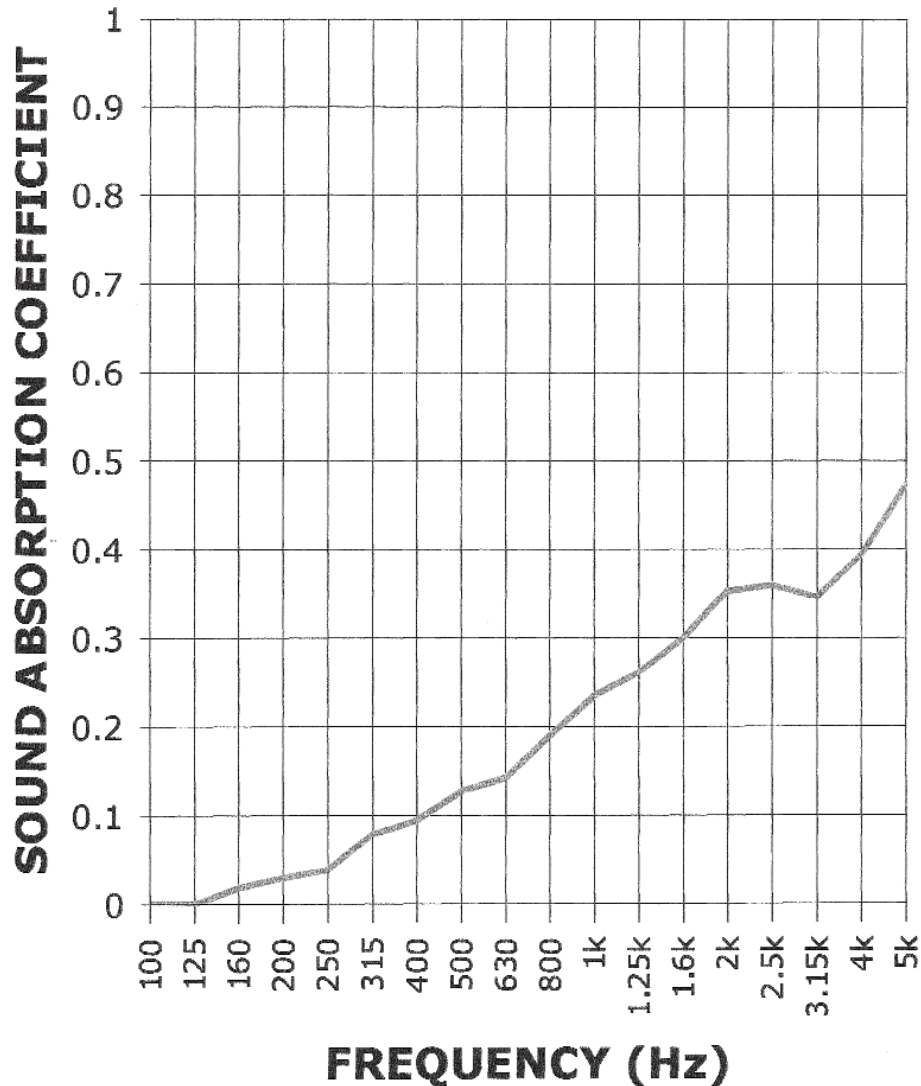
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SOUND ABSORPTION REPORT RAL - A10-098

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SAA = 0.18

NRC = 0.20

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