

Riverbank Acoustical Laboratories (RAL)TM / An Alion Science Technical Center (RALVer 11.0)
 Sound Absorption and Sound Absorption Coefficients
 by the Reverberation Room Method ASTM C 423-09a/E 795-08/NVLAP 08/P03

TEST NUMBER: A14-264

TEST DATE: DECEMBER 02, 2014

CLIENT: Audimute Soundproofing
 DESIGNATION: Eco-C-Tex Fabric Covered Wall Panel - 1.5"
 DIMENSIONS: 108" x 96" x 1.5"
 AREA: 72.0 ft²
 WEIGHT: 55.5 lbs AREA WEIGHT: 0.77 lbs/ft²
 MOUNTING: A EDGE SEAL: Steel
 SPECIMEN DETAILS: 8 @48"x24"x1.5" - 2@ 48"x12"x1.5"

TEST ROOM DETAILS: Room 0 Volume = 10311 ft³ Area = 2864.3 ft²
 FILE NAME: A14_264_141202_A.doc

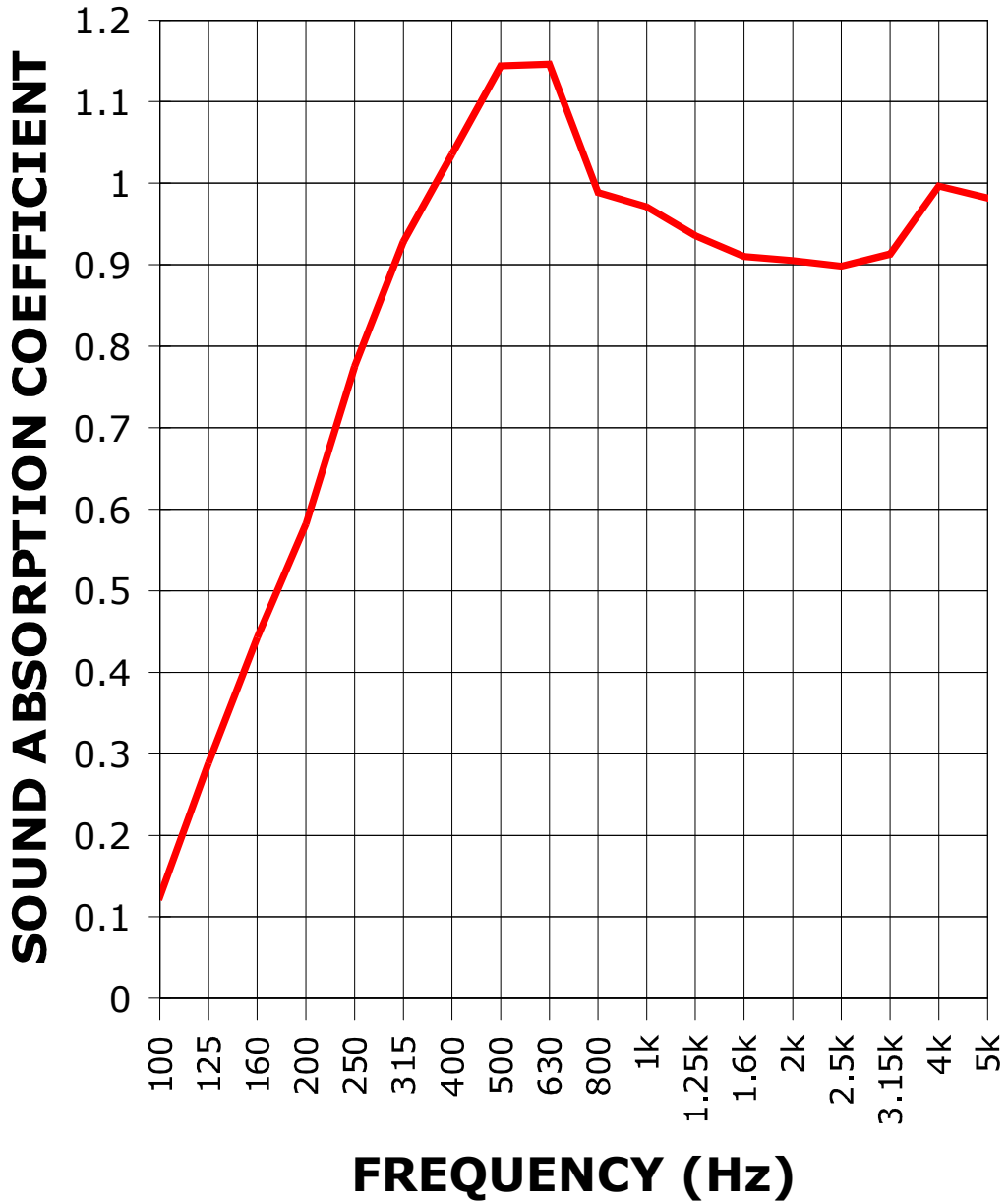
1/3 OCTAVE CENTER FREQ. (Hz)	ABSORPTION COEFFICIENT	TOTAL ABSORPTION (SABINS)
40	0.04	2.92
50	0.09	6.15
63	-0.05	-3.51
80	0.00	-0.30
100	0.13	9.01
125	0.29	20.78
160	0.44	31.88
200	0.58	41.91
250	0.77	55.80
315	0.93	66.81
400	1.04	74.55
500	1.14	82.34
630	1.15	82.49
800	0.99	71.18
1000	0.97	69.91
1250	0.94	67.36
1600	0.91	65.52
2000	0.90	65.16
2500	0.90	64.66
3150	0.91	65.74
4000	1.00	71.75
5000	0.98	70.69
6300	0.91	65.67
8000	0.94	67.74
10000	0.95	68.09

SOUND ABSORPTION AVERAGE [SAA] = 0.94
NOISE REDUCTION COEFFICIENT [NRC] = 0.95

Test Conducted by: Marc Sciaky

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.

SOUND ABSORPTION REPORT
RAL - A14-264



SAA = 0.94

NRC = 0.95