



Riverbank Acoustical Laboratories (RAL)TM / An Alion Science Technical Center (RAL Ver 10.1)
 Sound Absorption and Sound Absorption Coefficients
 by the Reverberation Room Method ASTM C 423-09/NVLAP 08/P03

TEST NUMBER: A11-015

CLIENT: AcustiMac
 DESIGNATION: ECO-DMDBT6000 Mega Bass Traps
 DIMENSIONS: 24" x 48" x 6.25"
 NUMBER OF UNITS: 8
 WEIGHT: 173 lbs AREA WEIGHT: 21.62 lbs/ft²
 MOUNTING: J EDGE SEAL: Unsealed
 SPECIMEN DETAILS: 8@ 24" x 48" x 6.25" each distributed in test chamber as follows three units each on the north and south walls and two on the west, all on a 45 degree angle spaced 6" apart.

TEST ROOM DETAILS: Room 0 Volume = 10311 ft³ Area = 2864.3 ft²
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1/3 OCTAVE CENTER FREQ. (Hz)	ABSORPTION PER UNIT	TOTAL ABSORPTION (SABINS)
40	2.31	18.48
50	3.04	24.29
63	8.66	69.27
80	19.48	155.83
100	23.72	189.80
125	19.39	155.09
160	15.49	123.92
200	12.99	103.96
250	13.47	107.73
315	13.81	110.52
400	14.01	112.05
500	13.16	105.30
630	12.27	98.12
800	11.38	91.01
1000	10.89	87.13
1250	10.73	85.81
1600	10.57	84.53
2000	10.25	81.96
2500	10.03	80.26
3150	9.91	79.31
4000	9.94	79.54
5000	9.51	76.11
6300	9.00	71.98
8000	9.04	72.34
10000	8.11	64.86

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SOUND ABSORPTION REPORT
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