

Riverbank Acoustical Laboratories (RAL)<sup>TM</sup> / 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: A13-300

TEST DATE: OCTOBER 25, 2013

CLIENT: GIK Acoustics  
 DESIGNATION: Monster A Bass Trap (hard)  
 DIMENSIONS: 48.5" x 24.25" x 7.5"  
 NUMBER OF UNITS: 8  
 WEIGHT: 23.5 lbs      AREA WEIGHT: 2.88 lbs/ft<sup>2</sup>  
 MOUNTING: J      EDGE SEAL: Unsealed  
 SPECIMEN DETAILS: 8 units used: 7 units placed horizontal at 45 degree angles, two units each on the South and West walls and three units on the North wall spaced 12" apart. 1 unit placed vertical in North West corner of chamber.

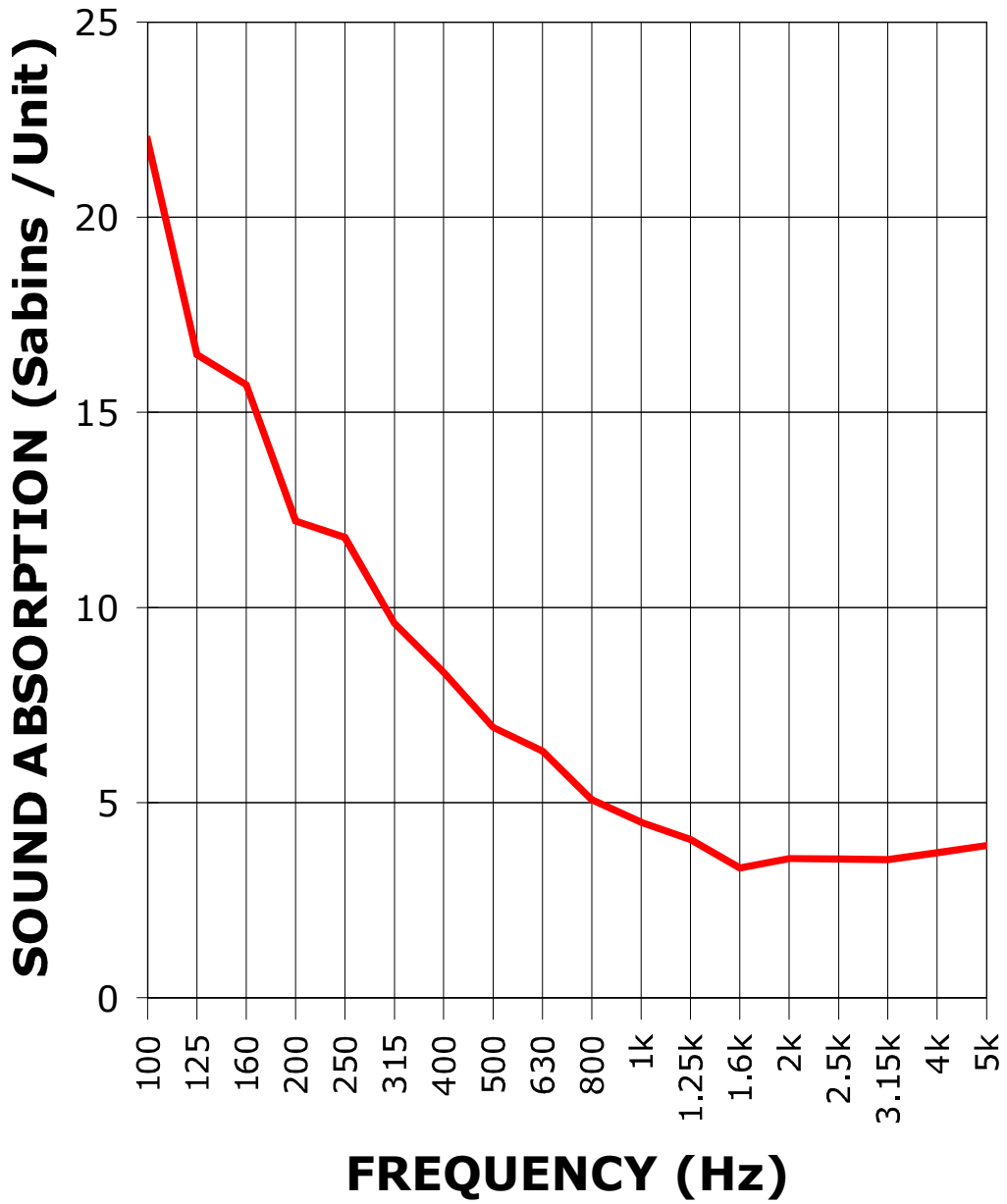
TEST ROOM DETAILS: Room 0 Volume = 10311 ft<sup>3</sup> Area = 2864.3 ft<sup>2</sup>  
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1/3 OCTAVE CENTER FREQ. (Hz)	ABSORPTION PER UNIT	TOTAL ABSORPTION (SABINS)
40	2.95	23.62
50	6.12	48.93
63	6.18	49.43
80	24.62	196.99
100	21.98	175.82
125	16.48	131.82
160	15.70	125.64
200	12.22	97.74
250	11.79	94.33
315	9.59	76.71
400	8.34	66.72
500	6.93	55.42
630	6.33	50.61
800	5.08	40.64
1000	4.50	35.99
1250	4.06	32.47
1600	3.33	26.61
2000	3.57	28.59
2500	3.56	28.47
3150	3.55	28.37
4000	3.72	29.75
5000	3.90	31.22
6300	4.63	37.08
8000	6.10	48.78
10000	7.95	63.57

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 - A13-300



SOUND ABSORPTION in SABINS PER UNIT