

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: A13-301

TEST DATE: OCTOBER 25, 2013

CLIENT: GIK Acoustics
 DESIGNATION: Monster A Bass Trap (soft)
 DIMENSIONS: 48.5" x 24.25" x 7.5"
 NUMBER OF UNITS: 8
 WEIGHT: 23.5 lbs AREA WEIGHT: 2.88 lbs/ft²
 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.

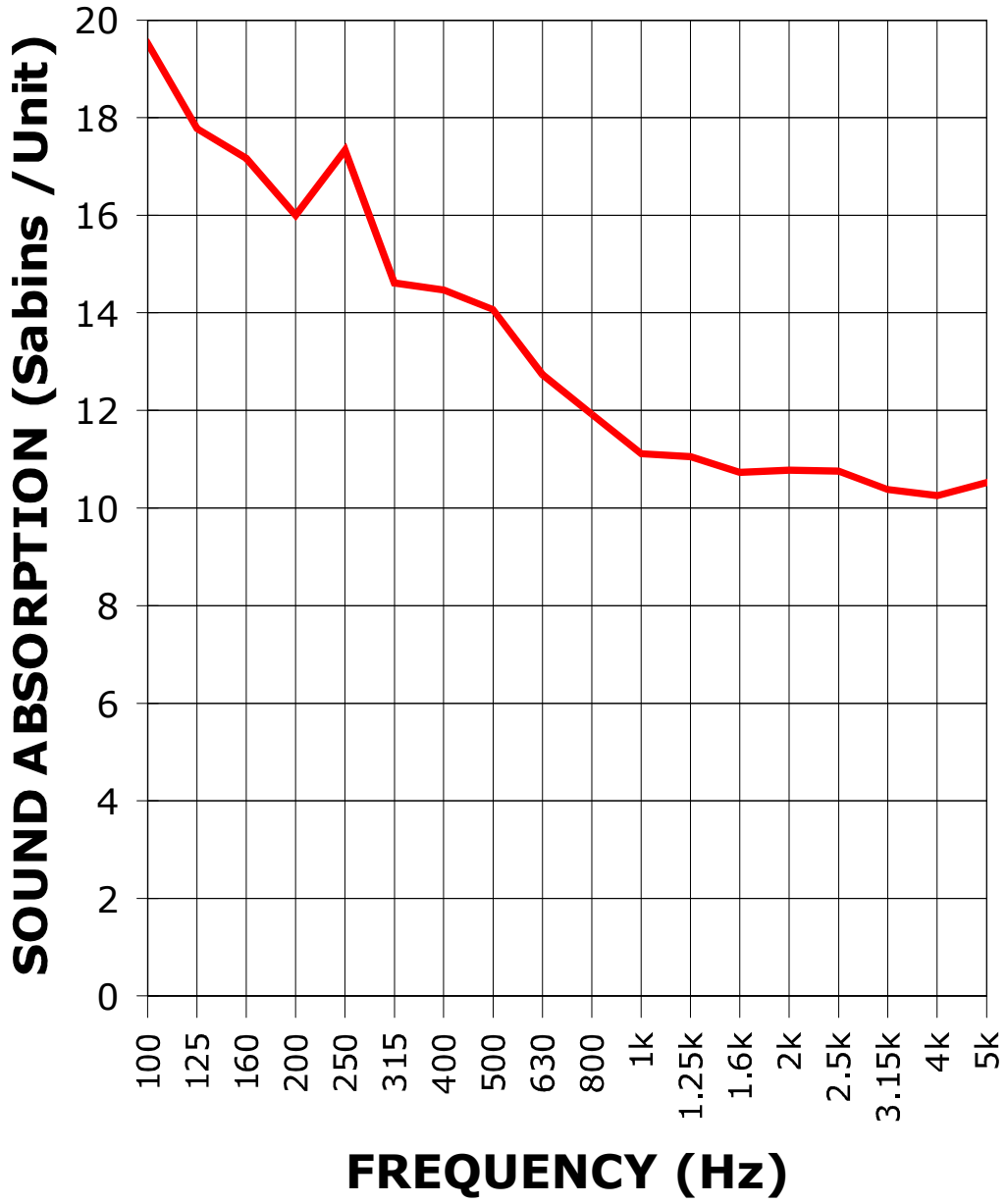
TEST ROOM DETAILS: Room 0 Volume = 10311 ft³ Area = 2864.3 ft²
 FILE NAME: A13_301_131025_A.doc

1/3 OCTAVE CENTER FREQ. (Hz)	ABSORPTION PER UNIT	TOTAL ABSORPTION (SABINS)
40	2.34	18.68
50	4.69	37.50
63	4.18	33.46
80	18.29	146.31
100	19.52	156.18
125	17.77	142.20
160	17.17	137.32
200	16.00	128.00
250	17.34	138.68
315	14.61	116.90
400	14.47	115.76
500	14.07	112.53
630	12.74	101.88
800	11.92	95.38
1000	11.11	88.90
1250	11.05	88.44
1600	10.73	85.82
2000	10.77	86.20
2500	10.75	86.04
3150	10.38	83.04
4000	10.25	82.02
5000	10.52	84.17
6300	10.49	83.91
8000	10.96	87.67
10000	13.07	104.56

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 - A13-301



SOUND ABSORPTION in SABINS PER UNIT

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: 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/ft²
 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.

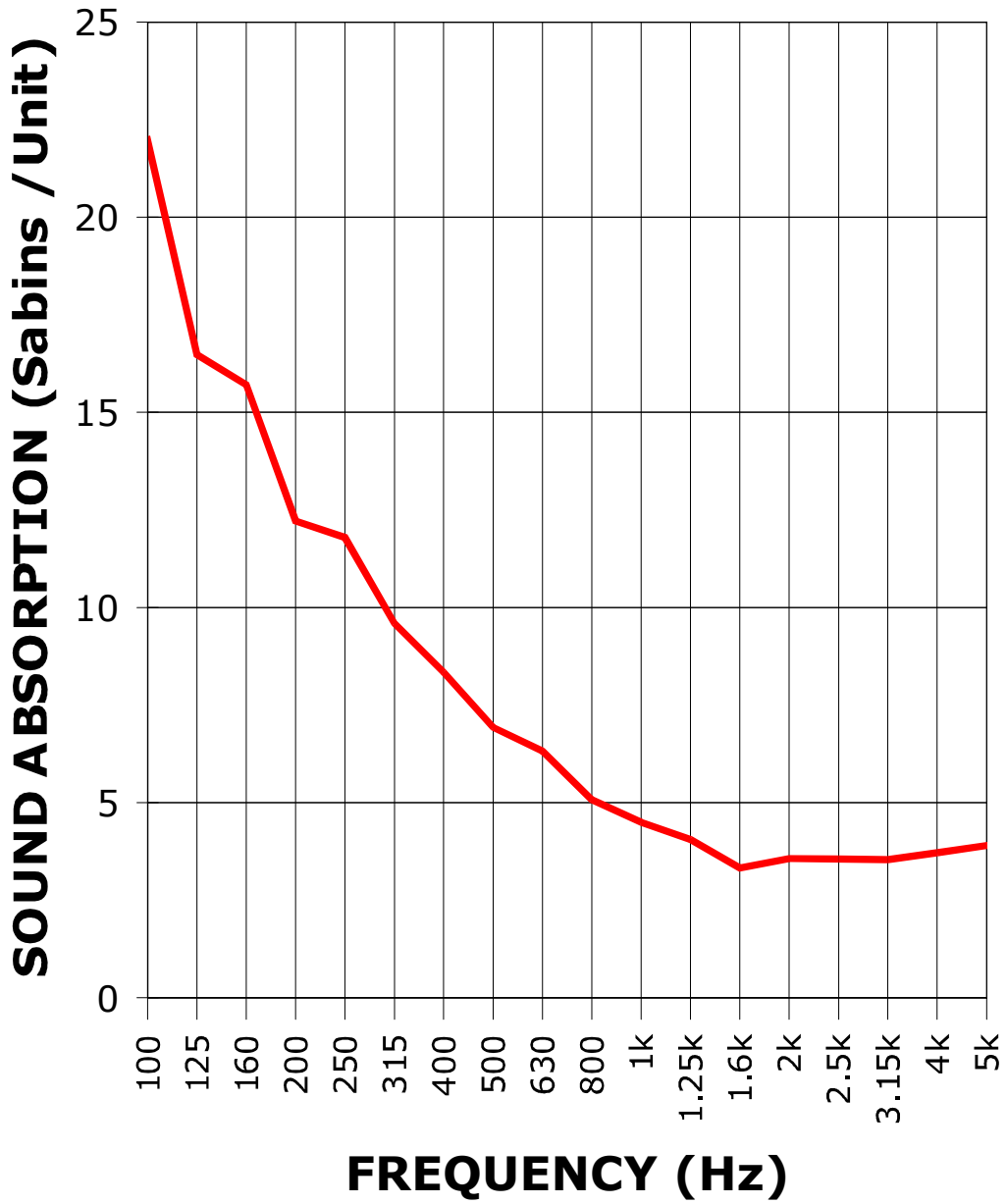
TEST ROOM DETAILS: Room 0 Volume = 10311 ft³ Area = 2864.3 ft²
 FILE NAME: A13_300_131025_A.doc

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