

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: A13-179

TEST DATE: JULY 12, 2013

CLIENT: GIK Acoustics
 DESIGNATION: Bass Traps
 DIMENSIONS: 24" x 48.25" x 5.375"
 NUMBER OF UNITS: 8
 WEIGHT: 17.44 lbs AREA WEIGHT: 2.17 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 on an angle in North West corner of chamber.

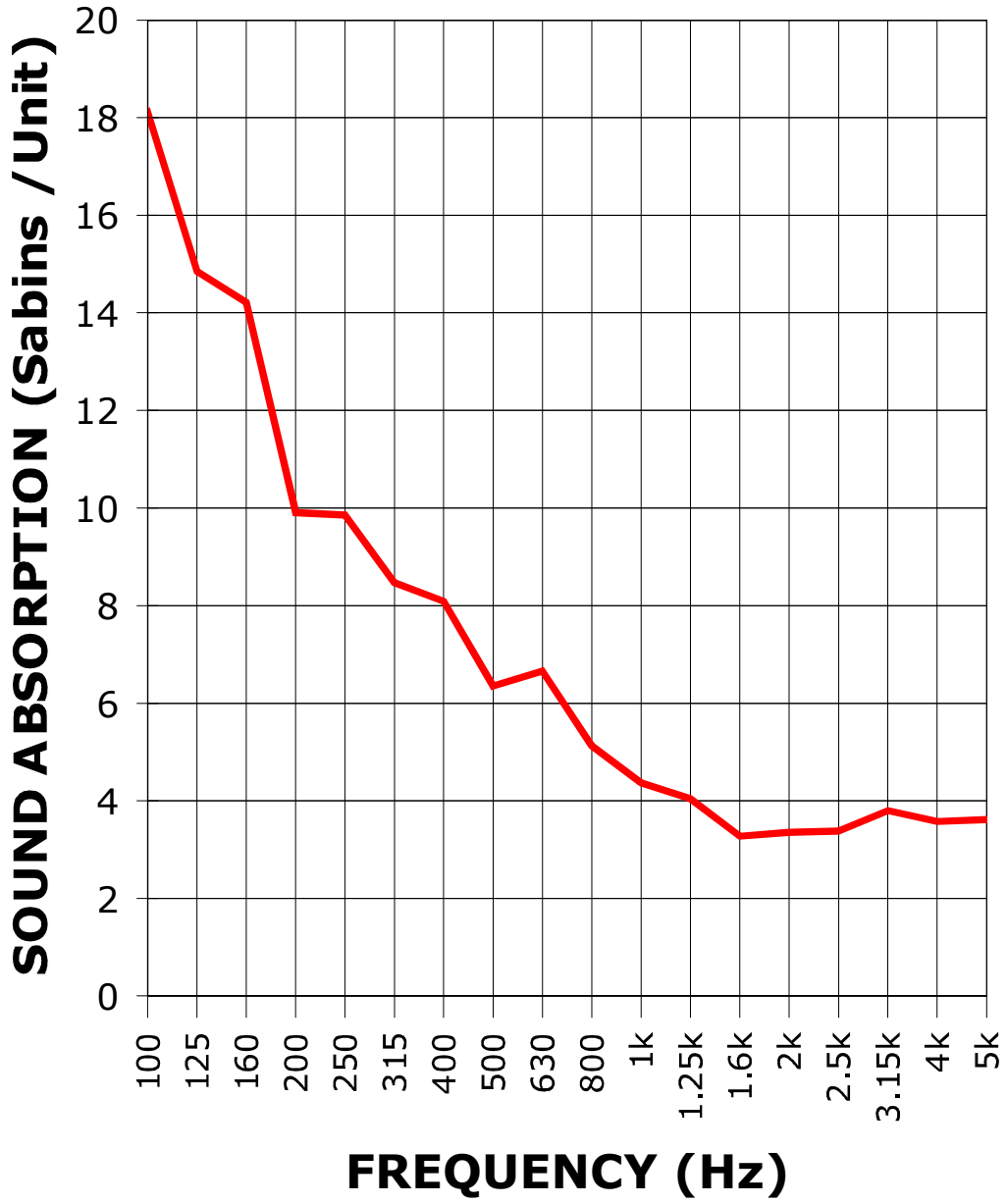
TEST ROOM DETAILS: Room 0 Volume = 10311 ft³ Area = 2864.3 ft²
 FILE NAME: A13_179_130712_A.doc

1/3 OCTAVE CENTER FREQ. (Hz)	ABSORPTION PER UNIT	TOTAL ABSORPTION (SABINS)
40	1.67	13.35
50	5.53	44.27
63	5.10	40.78
80	16.01	128.08
100	18.12	144.97
125	14.85	118.81
160	14.21	113.70
200	9.91	79.25
250	9.86	78.85
315	8.47	67.78
400	8.09	64.70
500	6.35	50.82
630	6.66	53.25
800	5.13	41.04
1000	4.37	34.97
1250	4.04	32.35
1600	3.28	26.20
2000	3.35	26.83
2500	3.38	27.02
3150	3.80	30.40
4000	3.58	28.62
5000	3.62	28.95
6300	3.63	29.00
8000	4.18	33.45
10000	4.39	35.15

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 - A13-179



SOUND ABSORPTION in SABINS PER UNIT