

Sound Absorption and Sound Absorption Coefficients  
by the Reverberation Room Method ASTM C 423-09a/E 795-08/NVLAP 08/P03

TEST NUMBER: A13-143

TEST DATE: MAY 21, 2013

CLIENT: GIK Acoustics  
 DESIGNATION: Bass Traps  
 DIMENSIONS: 24" x 48.25" x 5.375"  
 NUMBER OF UNITS: 8  
 WEIGHT: 13 lbs                      AREA WEIGHT: 1.62 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.

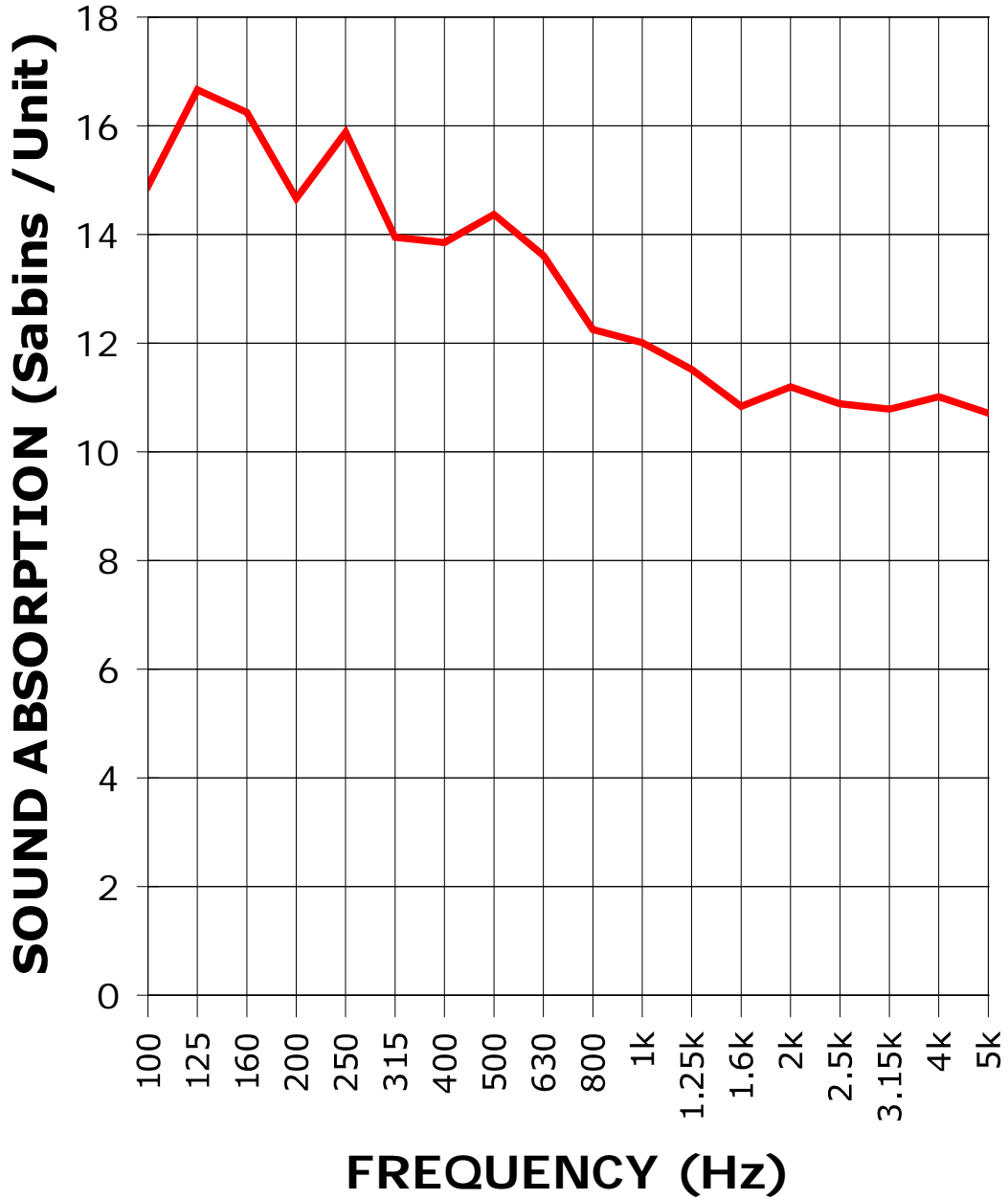
TEST ROOM DETAILS: Room 0 Volume = 10311 ft<sup>3</sup> Area = 2864.3 ft<sup>2</sup>  
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1/3 OCTAVE CENTER FREQ. (Hz)	ABSORPTION PER UNIT	TOTAL ABSORPTION  (SABINS)
40	0.88	7.04
50	2.85	22.76
63	3.50	27.98
80	13.55	108.44
100	14.88	119.08
125	16.66	133.27
160	16.24	129.95
200	14.66	117.29
250	15.88	127.05
315	13.95	111.58
400	13.85	110.81
500	14.37	114.94
630	13.61	108.89
800	12.25	98.00
1000	12.01	96.08
1250	11.52	92.13
1600	10.84	86.69
2000	11.19	89.55
2500	10.88	87.07
3150	10.79	86.28
4000	11.01	88.11
5000	10.71	85.70
6300	11.08	88.63
8000	11.44	91.50
10000	12.30	98.36

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 - A13-143



SOUND ABSORPTION in SABINS PER UNIT