

Riverbank Acoustical Laboratories (RAL)<sup>TM</sup>  
 Sound Absorption and Sound Absorption Coefficients  
 by the Reverberation Room Method ASTM C 423-02a/NVLAP 08/P03

TEST NUMBER: A06-016

TEST DATE: JANUARY 18, 2006

Rev.1: 1/18/06

CLIENT: GIK Acoustic Panels  
 DESIGNATION: Bass Traps  
 NOMINAL DIMENSIONS: 24" x 48" x 7.5"  
 NUMBER OF UNITS: 8  
 WEIGHT: 29.2 lbs      AREA WEIGHT: 3.63 lbs/ft<sup>2</sup>  
 MOUNTING: J      EDGE SEAL: Unsealed  
 SPECIMEN DETAILS: 8 Units - 4 " spacers placed underneath each unit. Units are spaced evenly.

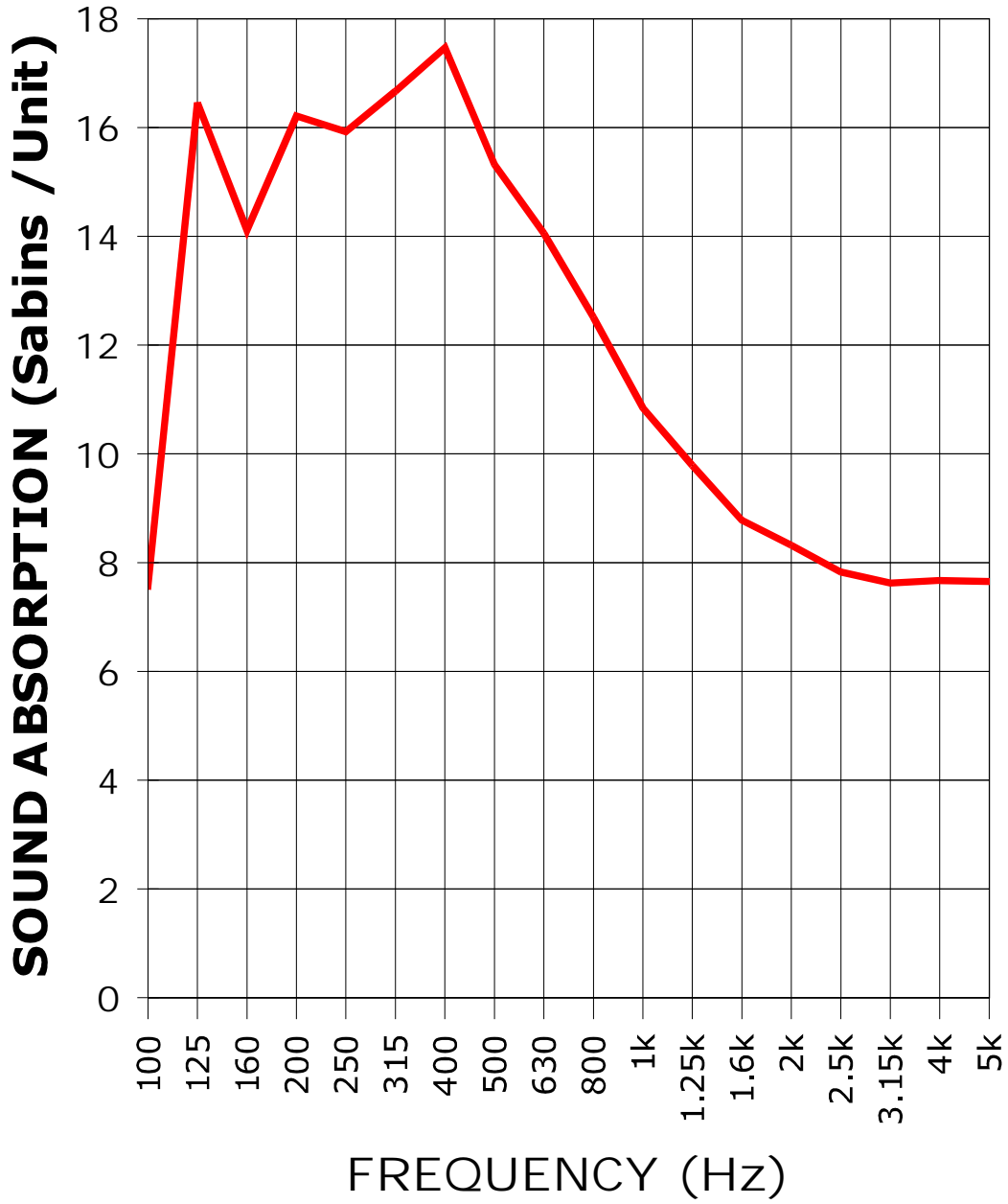
TEST ROOM DETAILS: Room 0 Volume = 10311 ft<sup>3</sup> Area = 2864.3 ft<sup>2</sup>  
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1/3 OCTAVE CENTER FREQ. (Hz)	ABSORPTION PER UNIT	TOTAL ABSORPTION (SABINS)
50	1.46020	11.68
63	3.25354	26.03
80	4.52446	36.20
100	7.56871	60.55
125	16.45525	131.64
160	14.11184	112.89
200	16.20953	129.68
250	15.92303	127.38
315	16.66551	133.32
400	17.46593	139.73
500	15.32155	122.57
630	14.05176	112.41
800	12.50839	100.07
1000	10.84612	86.77
1250	9.78454	78.28
1600	8.78007	70.24
2000	8.31903	66.55
2500	7.82578	62.61
3150	7.62539	61.00
4000	7.67230	61.38
5000	7.65318	61.23
6300	7.74355	61.95
8000	7.67805	61.42
10000	7.51406	60.11

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 - A06-016



SOUND ABSORPTION in SABINS PER UNIT