

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: A06-015

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: 7 Units 45 degree angle on wall spaced 8" apart. Placement of units: South and West walls 2 units each, North wall three units. Long dimension parallel with wall/floor joint. One unit in NW corner

TEST ROOM DETAILS: Room 0 Volume = 10311 ft<sup>3</sup> Area = 2864.3 ft<sup>2</sup>

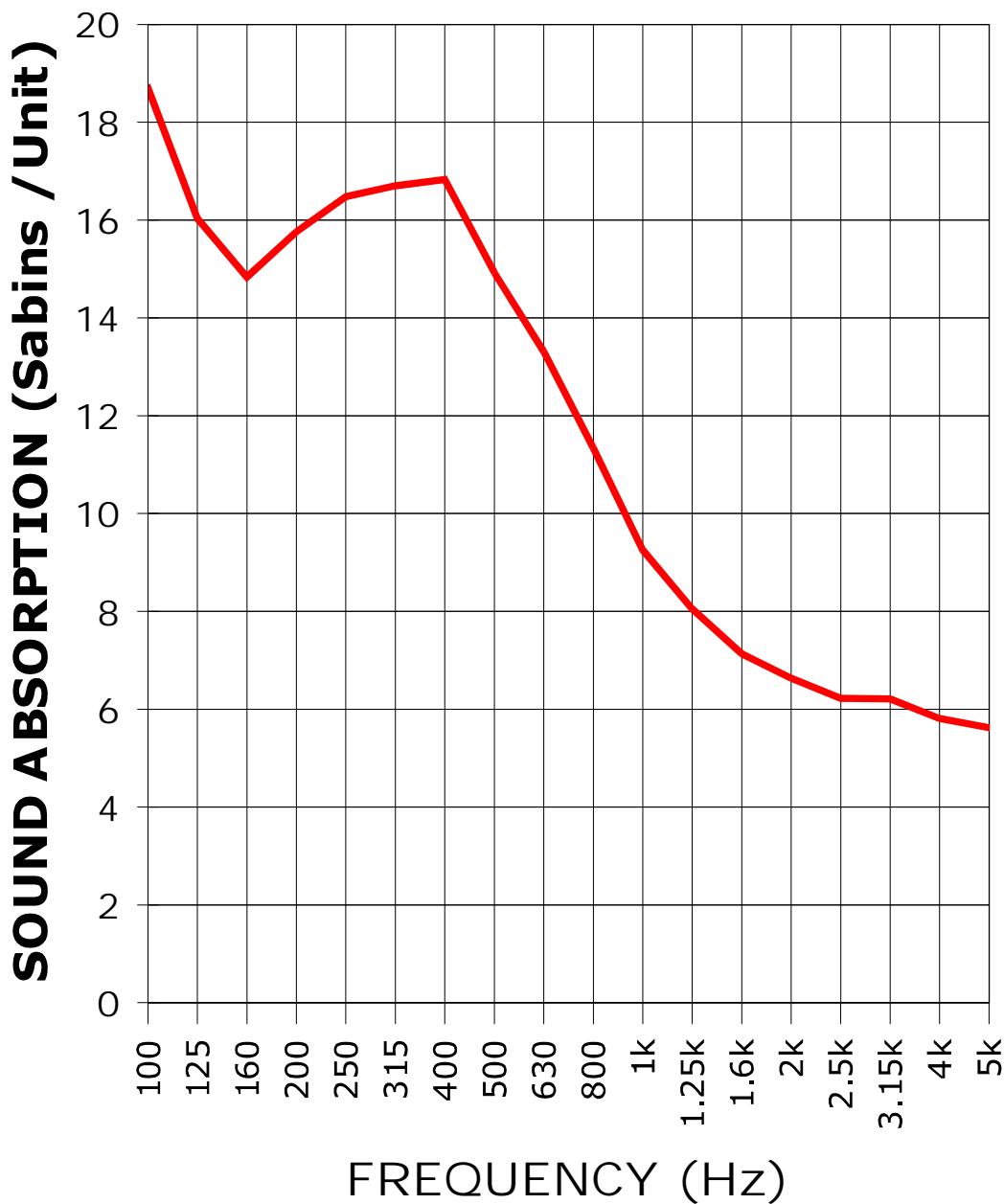
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1/3 OCTAVE CENTER FREQ. (Hz)	ABSORPTION PER UNIT	TOTAL ABSORPTION (SABINS)
50	5.06051	40.48
63	10.16718	81.34
80	23.97018	191.76
100	18.69531	149.56
125	16.03005	128.24
160	14.83462	118.68
200	15.76000	126.08
250	16.47977	131.84
315	16.70001	133.60
400	16.82887	134.63
500	14.92680	119.41
630	13.31032	106.48
800	11.34136	90.73
1000	9.25368	74.03
1250	8.04945	64.40
1600	7.13705	57.10
2000	6.63483	53.08
2500	6.22435	49.79
3150	6.21290	49.70
4000	5.81151	46.49
5000	5.62283	44.98
6300	5.49193	43.94
8000	5.11859	40.95
10000	4.52662	36.21

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 - A06-015



SOUND ABSORPTION in SABINS PER UNIT