

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: A12-020

TEST DATE: JANUARY 17, 2012

CLIENT: GIK Acoustics
 DESIGNATION: Tuned Traps
 DIMENSIONS: 24" x 24" x 4"
 NUMBER OF UNITS: 15
 WEIGHT: 17.7 lbs AREA WEIGHT: 4.42 lbs/ft²
 MOUNTING: J EDGE SEAL: Unsealed
 SPECIMEN DETAILS: Total weight 265 lbs. Each unit spaced 1 inch apart - units laid flat placed against each wall of test chamber - 6 on north, 5 on South, 4 on west.

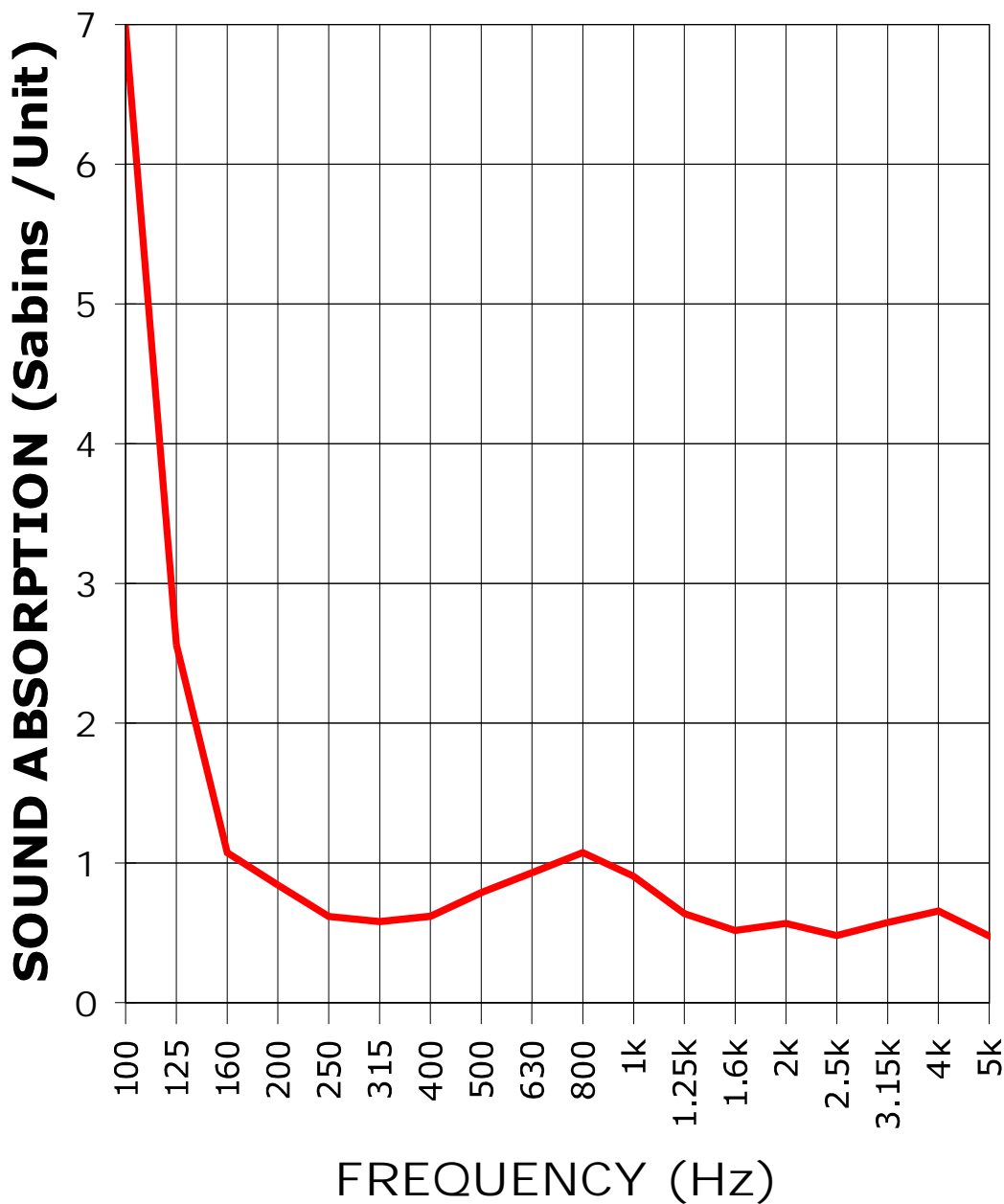
TEST ROOM DETAILS: Room 0 Volume = 10311 ft³ Area = 2864.3 ft²
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1/3 OCTAVE CENTER FREQ. (Hz)	ABSORPTION PER UNIT	TOTAL ABSORPTION (SABINS)
40	0.24	3.67
50	0.31	4.65
63	2.13	31.93
80	6.45	96.69
100	6.98	104.69
125	2.56	38.41
160	1.07	16.10
200	0.84	12.61
250	0.62	9.26
315	0.58	8.71
400	0.62	9.28
500	0.79	11.81
630	0.93	13.95
800	1.07	16.12
1000	0.90	13.57
1250	0.64	9.57
1600	0.52	7.74
2000	0.57	8.51
2500	0.48	7.21
3150	0.57	8.61
4000	0.66	9.84
5000	0.48	7.17

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 - A12-020



SOUND ABSORPTION in SABINS PER UNIT