

**Unofficial Test Results & Preliminary Data Sheet**  
 Riverbank Acoustical Laboratories (RAL)<sup>TM</sup> / An Alion Science Technical Center (RALVer 15.1)  
 Sound Absorption and Sound Absorption Coefficients  
 by the Reverberation Room Method ASTM C 423-09/NVLAP 08/P03

TEST NUMBER: A15-251 TEST DATE: SEPTEMBER 09, 2015

CLIENT: GIK Acoustics  
 DESIGNATION: 4-1/8" Alpha Panels  
 DIMENSIONS: 95.25" x 95.25" x 4.13"  
 AREA: 63.0 ft<sup>2</sup>  
 WEIGHT: 131.5 lbs AREA WEIGHT: 2.09 lbs/ft<sup>2</sup>  
 MOUNTING: A EDGE SEAL: Steel-Wood  
 SPECIMEN DETAILS: 16 Panels at 23.75" x 23.75"

TEST ROOM DETAILS: Room 0 Volume = 10311 ft<sup>3</sup> Area = 2864.3 ft<sup>2</sup>  
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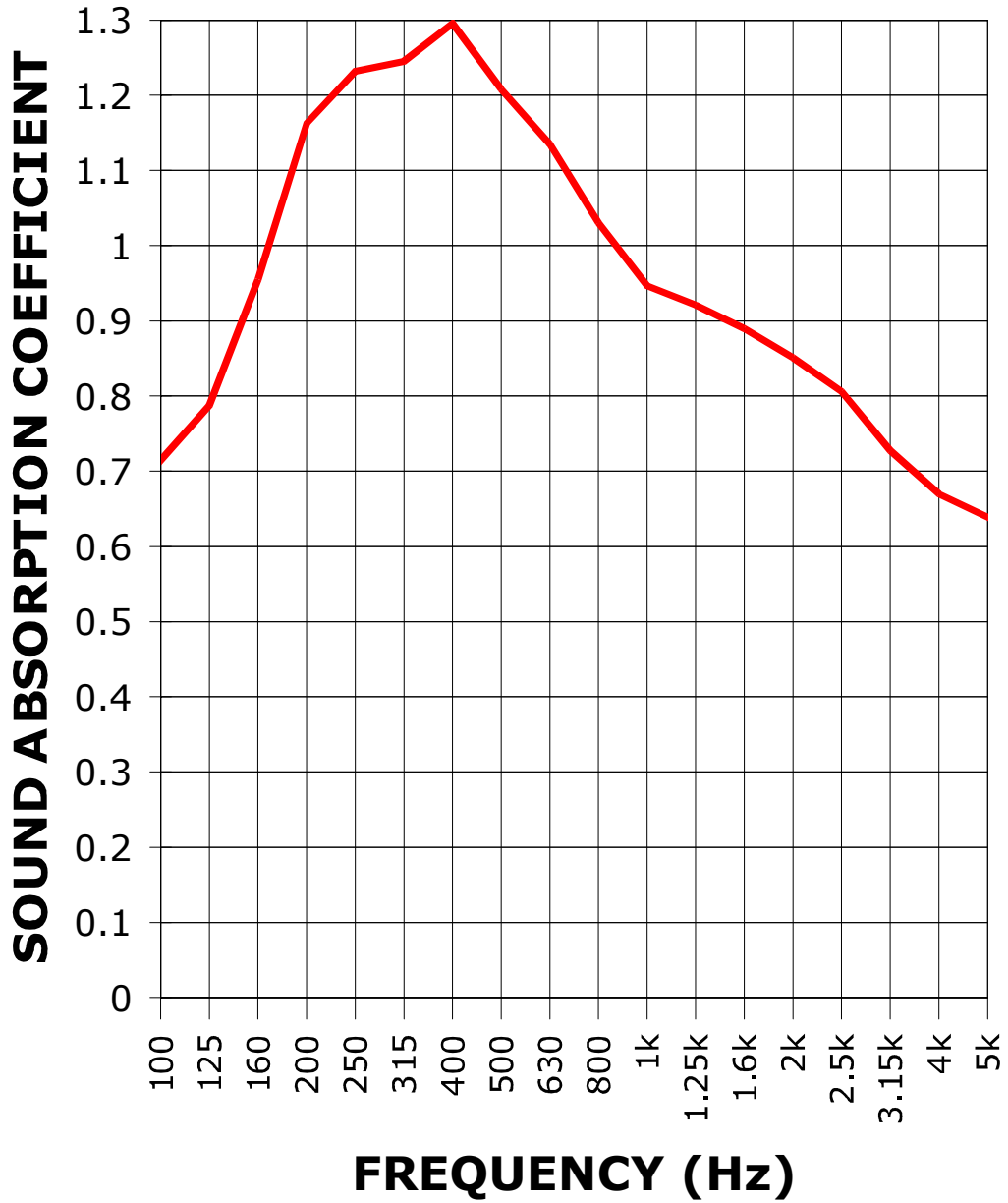
1/3 OCTAVE CENTER FREQ. (Hz)	ABSORPTION COEFFICIENT	TOTAL ABSORPTION  (SABINS)
32	0.02	1.33
40	0.28	17.38
50	0.00	-0.14
63	0.10	6.39
80	0.31	19.48
100	0.71	45.02
125	0.79	49.62
160	0.96	60.17
200	1.16	73.25
250	1.23	77.60
315	1.25	78.44
400	1.30	81.62
500	1.21	76.10
630	1.14	71.52
800	1.03	64.91
1000	0.95	59.63
1250	0.92	58.04
1600	0.89	56.04
2000	0.85	53.61
2500	0.81	50.78
3150	0.73	45.84
4000	0.67	42.20
5000	0.64	40.25
6300	0.59	37.11
8000	0.47	29.52
10000	0.35	21.82
12500	0.39	24.84

**SOUND ABSORPTION AVERAGE [ SAA ] = 1.06**  
**NOISE REDUCTION COEFFICIENT [ NRC ] = 1.05**

Test Conducted by: Chris Nottoli

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 - A15-251



SAA = 1.06  
NRC = 1.05