

Unofficial Test Results & Preliminary Data Sheet

Riverbank Acoustical Laboratories (RAL)™

Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method ASTM C423

Test Number: A20-184

Test Date: 2020-05-19

Sponsor: GIK Acoustics, LLC

Designation: 1 inch Spot Panel

Dimensions: 2.41 m x 2.43 m x 0.03 m

Test Conducted By: Marc Sciaky

Area: 5.85 m²

Test Interface: 1.3.3

Weight: 16.33 kg

Area Weight: 2.79 kg/m²

Mounting: A-Mount

Edge Seal: Steel Seal

Specimen Details: 8@23.75"x47.75"x1.072"

Test Room Details: Room 0

Volume: 291.98 m³

Area: 266.10 m²

1/3 Octave Band Center Frequency (Hz)	TOTAL ABSORPTION SABINS (ft ²)	TOTAL ABSORPTION m ²	Absorption Coefficient
31.5	0.96	0.09	0.02
40	2.09	0.19	0.03
50	6.13	0.57	0.10
63	0.59	0.05	0.01
80	7.71	0.72	0.12
100	6.88	0.64	0.11
125	6.76	0.63	0.11
160	5.54	0.52	0.09
200	11.28	1.05	0.18
250	15.60	1.45	0.25
315	27.59	2.56	0.44
400	32.64	3.03	0.52
500	45.68	4.24	0.73
630	52.14	4.84	0.83
800	58.24	5.41	0.92
1000	62.08	5.77	0.99
1250	65.52	6.09	1.04
1600	66.28	6.16	1.05
2000	66.16	6.15	1.05
2500	65.29	6.07	1.04
3150	64.54	6.00	1.02
4000	61.98	5.76	0.98
5000	62.16	5.77	0.99
6300	62.45	5.80	0.99
8000	62.77	5.83	1.00
10000	63.96	5.94	1.02
12500	66.99	6.22	1.06

SOUND ABSORPTION AVERAGE [SAA] = 0.75 0.75
NOISE REDUCTION COEFFICIENT [NRC] = 0.75 0.75

Calculation Date: 2020-05-19

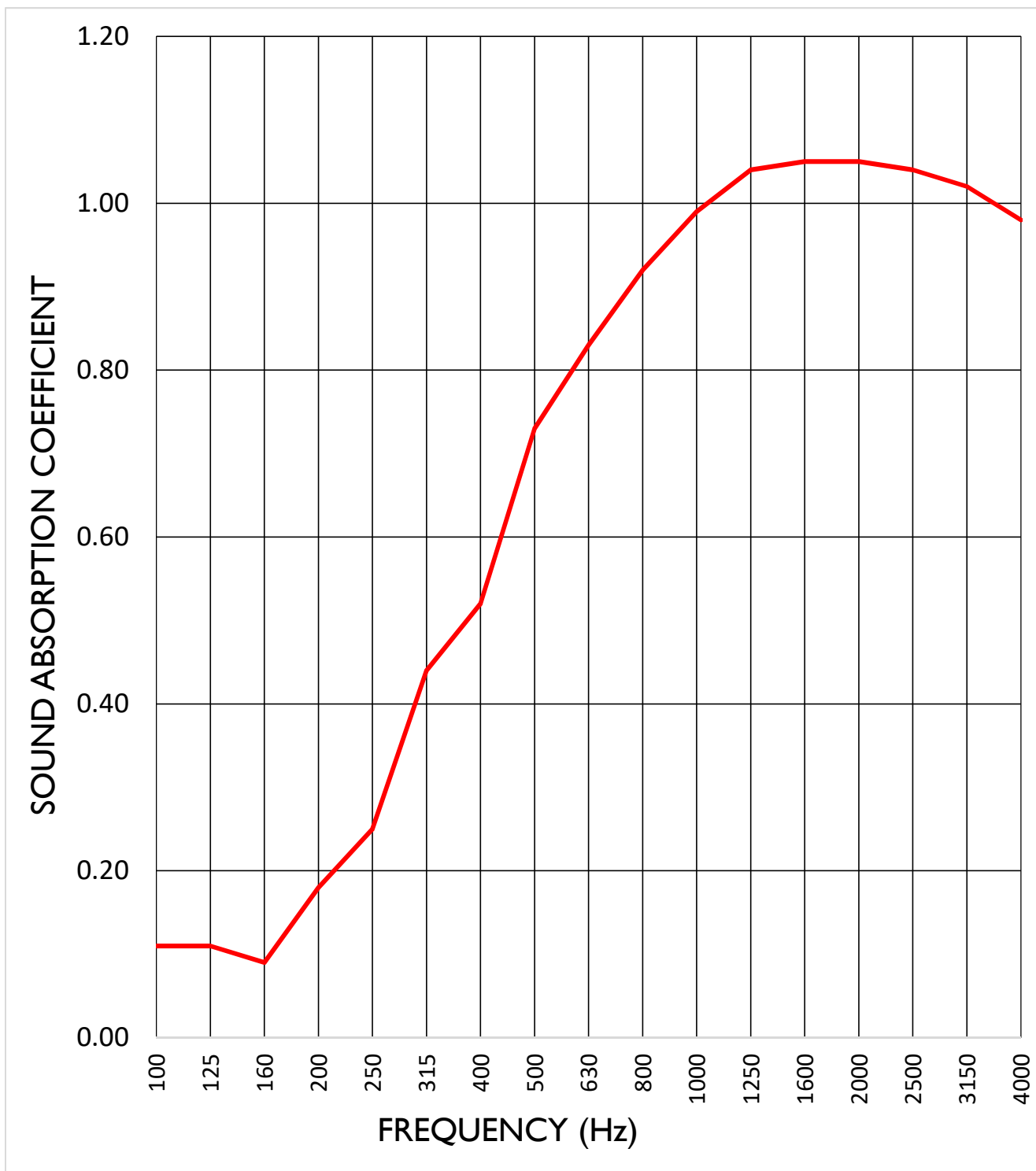
Calculated By: Marc Sciaky

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 Results

A20-184



SAA = 0.75 0.75
NRC = 0.75 0.75