

# 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: A23-085

Test Date: 2023-04-10

Sponsor: Primeacoustic

Designation: TELAFILL - 1" 6/ft³ PET Panels

Dimensions: 2.74 m x 2.44 m x 0.03 m

Test Conducted By: Marc Sciaky

Area: 6.69 m²

Test Interface: 1.3.3

Weight: 15.76 kg

Area Weight: 2.36 kg/m²

Mounting: A-Mount

Edge Seal: Steel Seal

Specimen Details: 8 pcs 24"x48"x0.9885" and 2pcs 12"x48"x0.9885"

Test Room Details: Room 0

Volume: 291.98 m³

Area: 266.10 m²

1/3 Octave Band Center Frequency (Hz)	TOTAL ABSORPTION SABINS (ft²)	TOTAL ABSORPTION m²	Absorption Coefficient
31.5	0.53	0.05	0.01
40	-1.81	-0.17	-0.03
50	-8.75	-0.81	-0.12
63	-3.38	-0.31	-0.05
80	-2.39	-0.22	-0.03
100	3.17	0.29	0.04
125	8.27	0.77	0.11
160	12.12	1.13	0.17
200	12.63	1.17	0.18
250	18.39	1.71	0.26
315	27.54	2.56	0.38
400	34.88	3.24	0.48
500	44.85	4.17	0.62
630	50.84	4.72	0.71
800	56.61	5.26	0.79
1000	59.68	5.54	0.83
1250	62.26	5.78	0.86
1600	64.84	6.02	0.90
2000	67.14	6.24	0.93
2500	68.85	6.40	0.96
3150	70.73	6.57	0.98
4000	70.96	6.59	0.99
5000	71.89	6.68	1.00
6300	73.04	6.79	1.01
8000	79.04	7.34	1.10
10000	80.54	7.48	1.12
12500	84.98	7.89	1.18

**SOUND ABSORPTION AVERAGE [SAA] = 0.66**      0.66  
**NOISE REDUCTION COEFFICIENT [NRC] = 0.65**      0.65

Calculation Date: 2023-04-10

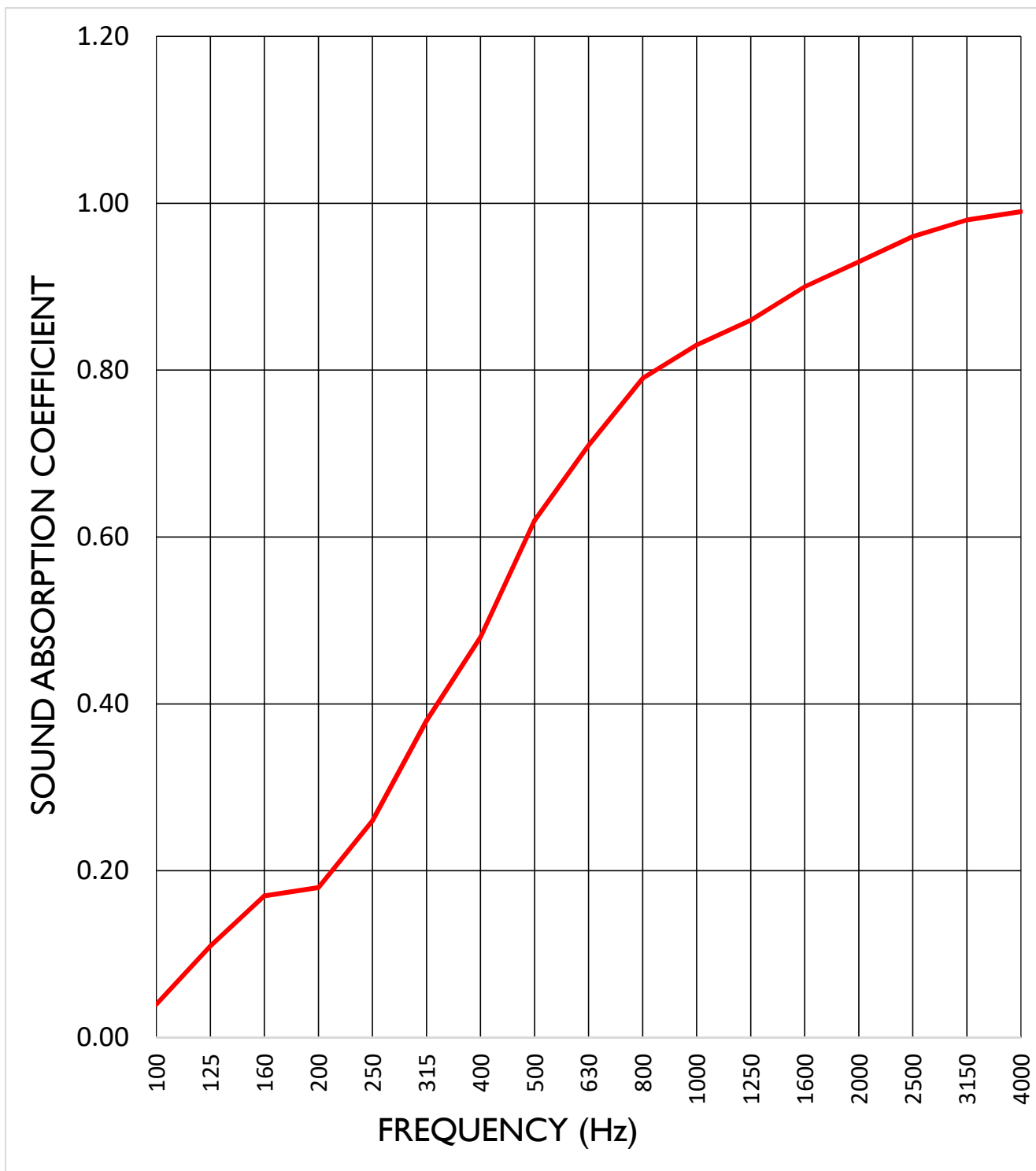
Calculated By: Marc Sciaky

*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

A23-085



**SAA = 0.66**      0.66  
**NRC = 0.65**      0.65