

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: A26-004

Test Date: 2026-01-07

Sponsor: Carnegie Fabrics

Designation: Bijoux6868 Flat

Dimensions: 2.86 m x 2.45 m x 0.00 m

Test Conducted By: Marc Sciaky

Area: 6.99 m²

Test Interface: I.3.3

Weight 3.63 kg

Area Weight: 0.52 kg/m²

Mounting: G-Mount

Edge Seal: No seal is used

Specimen Details: G-150 Mounting - curtain is hung and curtain rod is spaced 6"oc from the test surface.

Test Room Details: Room 0

Volume: 291.98 m³

Area: 266.10 m²

I/3 Octave Band Center Frequency (Hz)	TOTAL ABSORPTION SABINS (ft ²)	TOTAL ABSORPTION m ²	Absorption Coefficient
31.5	2.39	0.22	0.03
40	-3.45	-0.32	-0.05
50	-2.87	-0.27	-0.04
63	3.67	0.34	0.05
80	10.45	0.97	0.14
100	5.33	0.50	0.07
125	3.38	0.31	0.04
160	12.38	1.15	0.16
200	22.23	2.06	0.30
250	33.23	3.09	0.44
315	46.98	4.36	0.62
400	53.77	5.00	0.71
500	60.67	5.64	0.81
630	69.01	6.41	0.92
800	67.87	6.31	0.90
1000	59.34	5.51	0.79
1250	47.44	4.41	0.63
1600	52.22	4.85	0.69
2000	56.16	5.22	0.75
2500	53.96	5.01	0.72
3150	57.52	5.34	0.76
4000	56.28	5.23	0.75
5000	57.92	5.38	0.77
6300	57.26	5.32	0.76
8000	60.95	5.66	0.81
10000	59.80	5.56	0.79
12500	53.27	4.95	0.71

SOUND ABSORPTION AVERAGE [SAA] = 0.69 0.69
NOISE REDUCTION COEFFICIENT [NRC] = 0.70 0.7

Calculation Date: 2026-01-07

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
A26-004



SAA = 0.69 0.69
NRC = 0.70 0.7

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: A26-008

Test Date: 2026-01-08

Sponsor: Carnegie Fabrics

Designation: Bijoux6868 100% Fullness

Dimensions: 2.86 m x 2.45 m x 0.00 m

Test Conducted By: Marc Sciaky

Area: 6.99 m²

Test Interface: 1.3.3

Weight 7.03 kg

Area Weight: 1.01 kg/m²

Mounting: G-Mount

Edge Seal: No seal is used

Specimen Details: G-150 mounting curtain hung and curtain rod spaced 6"oc away from test surface

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	-7.91	-0.73	-0.11
40	3.66	0.34	0.05
50	-1.73	-0.16	-0.02
63	-2.84	-0.26	-0.04
80	0.98	0.09	0.01
100	3.83	0.36	0.05
125	15.14	1.41	0.20
160	17.10	1.59	0.23
200	21.49	2.00	0.29
250	40.07	3.72	0.53
315	54.34	5.05	0.72
400	63.03	5.86	0.84
500	69.14	6.42	0.92
630	74.68	6.94	0.99
800	71.20	6.62	0.95
1000	66.92	6.22	0.89
1250	68.03	6.32	0.90
1600	68.86	6.40	0.91
2000	71.22	6.62	0.95
2500	73.89	6.86	0.98
3150	74.33	6.91	0.99
4000	78.02	7.25	1.04
5000	79.38	7.37	1.05
6300	84.04	7.81	1.12
8000	95.41	8.86	1.27
10000	100.59	9.35	1.34
12500	113.02	10.50	1.5

SOUND ABSORPTION AVERAGE [SAA] = 0.82 0.82
NOISE REDUCTION COEFFICIENT [NRC] = 0.80 0.8

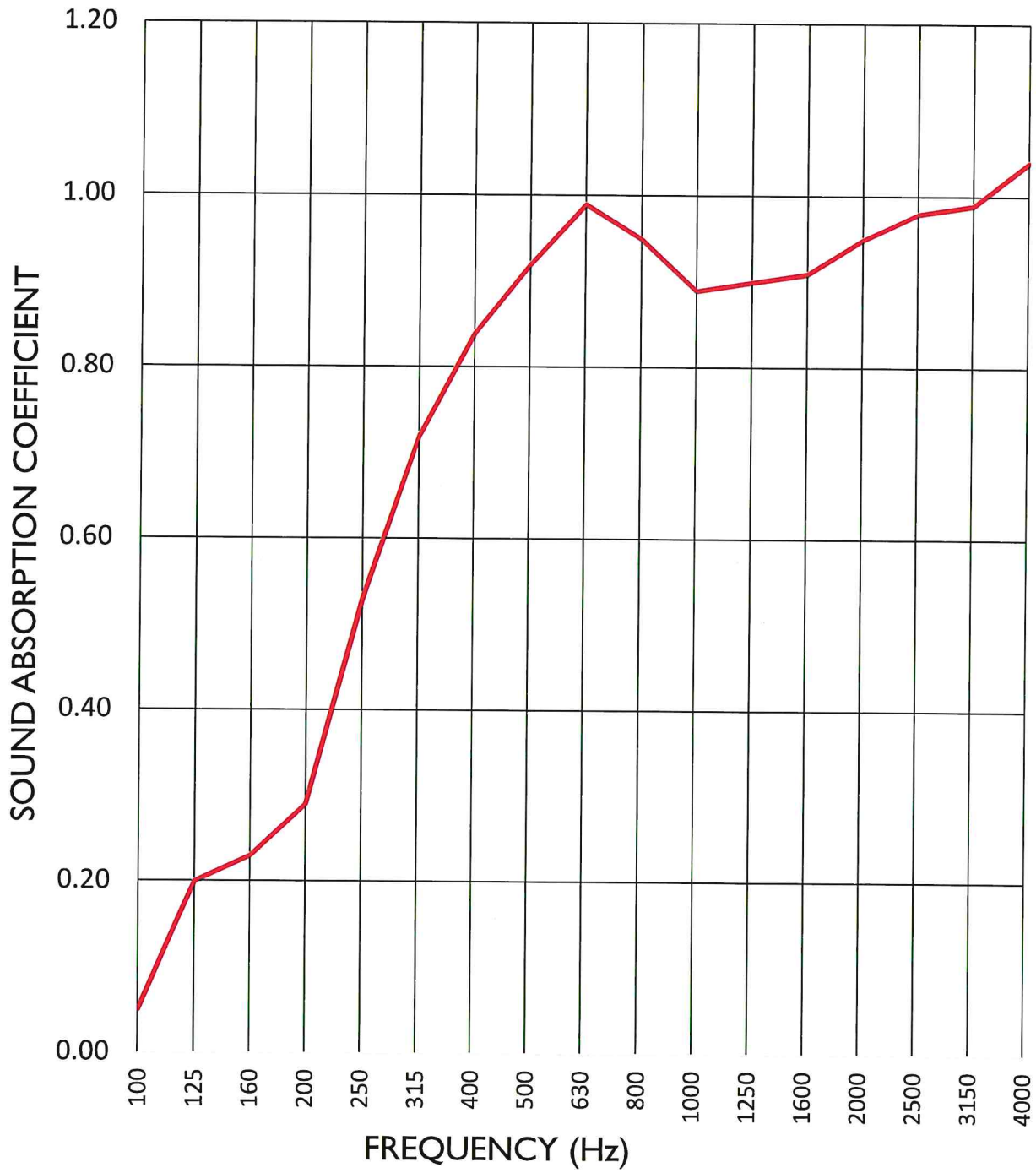
Calculation Date: 2026-01-08

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Sound Absorption Results
A26-008



SAA = 0.82 0.82

NRC = 0.80 0.8