IWEISS

drapery • rigging • theatrical supplies • automation • artifact handling

ACOUSTICAL TEST REPORT

25oz DRAMA+ - 64" WIDE

FLAT - NO FULLNESS

627 RIVERBANK DRIVE
GENEVA, IL 60134
630-232-0104

Test Report

www.riverbankacoustics.com
FOUNDED 1918 BY
WALLACE CLEMENT SABINE

SPONSOR: **IWEISS Holdings, LLC**
Fairview, NJ

Sound Absorption
RAL™-A25-539

CONDUCTED: 2025-12-02

ON: 25oz Drama+ (0% Fullness-Flat)

TEST METHODOLOGY

Riverbank Acoustical Laboratories™ is accredited by the U.S. Department of Commerce, National Institute of Standards and Technology (NIST) under the National Voluntary Laboratory Accreditation Program (NVLAP) as an ISO 17025:2017 Laboratory (NVLAP Lab Code: 100227-0) and for this test procedure. The test reported in this document conformed explicitly with ASTM C423-23: "Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method." The specimen mounting was performed according to ASTM E795-23: "Standard Practices for Mounting Test Specimens During Sound Absorption Tests." A description of the measurement procedure and room specifications are available upon request. The results presented in this report apply to the sample as received from the test sponsor.

INFORMATION PROVIDED BY SPONSOR

The test specimen was designated by the sponsor as 25oz Drama+ (0% Fullness-Flat). The following nominal product information was provided by the sponsor prior to testing. The accuracy of such sponsor-provided information can affect the validity of the test results.

Product Under Test

Product Name: 25oz Drama+
Material ID: DRAMA+25BLKIFR
Frame/Edge Description: Hemmed
Core Material: Polyester
Air Space Depth: 6”
Nominal Dimensions: 9’-0” wide by 8’-0” high
Manufacturer: IWEISS Holdings, LLC

SPECIMEN MEASUREMENTS & TEST CONDITIONS

Through a full external visual inspection performed on the test specimen, Riverbank personnel verified the following information:

Test Specimen

Dimensions: 2743 mm (108 in.) by 2438 mm (96 in.)
Thickness: 1.4 mm (0.055 in.)
Overall Weight: 4.99 kg (11 lbs)

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~~SPECIMEN MEASUREMENTS & TEST CONDITIONS (continued)~~

Overall Specimen Properties

Size:	2.74 m (108.0 in) wide by 2.44 m (96.0 in) long
Thickness:	0. m (0.055 in)
Weight:	4.99 kg (11.0 lbs)
Mass per Unit Area:	0.75 kg/m² (0.15 lbs/ft²)
Calculation Area:	6.689 m² (72. ft²)

Test Environment

Room Volume:	291.98 m³
Temperature:	21.2 °C ± 0.0 °C (Requirement: ≥ 10 °C and ≤ 5 °C change)
Relative Humidity:	57.0 % ± 0.3 % (Requirement: ≥ 40 % and ≤ 5 % change)
Barometric Pressure:	98.7 kPa (Requirement not defined)

MOUNTING METHOD Type G-150 Mounting: The drapery specimen was hung from a curtain rod built

152 mm (6 in.) off
center from the vertical test surface. A piece of particle board was installed at the top of the specimen to prevent sound from passing into the airspace behind it. The numeral suffix in the mounting designation is the distance in millimeters from the vertical test surface to the centerline of the mounting rod, rounded to the nearest integer multiple of 5. Per sponsor request, the perimeter edges were left exposed, as would be typical of a field installation of the product under test.

Figure 1 – Specimen mounted in test chamber

Figure 2 – Detail of specimen materials

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~~TEST RESULTS~~

Specimen total absorption and absorption coefficient are tabulated at the eighteen standard frequencies. A graphic presentation of the data and additional information appear on the following pages.

1/3 Octave Center Frequency (Hz)	Total Absorption (m2)	Total Absorption (Sabins)	Absorption Coefficient
100	-0.02	-0.23	0.00
** 125	0.61	6.60	0.09
160	1.07	11.55	0.16
200	1.93	20.75	0.29
** 250	3.09	33.25	0.46
315	4.90	52.75	0.73
400	5.48	58.95	0.82
** 500	6.12	65.85	0.91
630	6.14	66.11	0.92
800	5.90	63.50	0.88
** 1000	5.40	58.18	0.81
1250	4.85	52.25	0.73
1600	5.13	55.20	0.77
** 2000	5.36	57.74	0.80
2500	5.01	53.98	0.75
3150	5.33	57.39	0.80
** 4000	5.09	54.75	0.76
5000	4.99	53.66	0.75

SAA = 0.74
NRC = 0.75

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2025-12-02 TEST RESULTS (continued) The sound absorption average (SAA) is defined in ASTM C423-23 Section 3.1.1 as the arithmetic average of the sound absorption coefficients of a material for the twelve one-third octave bands from 200 Hz through 2500 Hz, inclusive, rounded to the nearest integer multiple of 0.01. The noise reduction coefficient (NRC) is defined from previous versions of ASTM C423 as the arithmetic average of the sound absorption coefficients at 250 Hz, 500 Hz, 1000 Hz, and 2000 Hz, rounded to the nearest integer multiple of 0.05.

Tested by _____ Report by _____

MarcSciaky
SeniorExperimentalist

Keith Kimberling
Test Engineer

Approved by _____

EricP. Wolfram
LaboratoryManager

Digitally signed by Eric P Wolfram
Date: 2025.12.04 13:35:22 -06'00'

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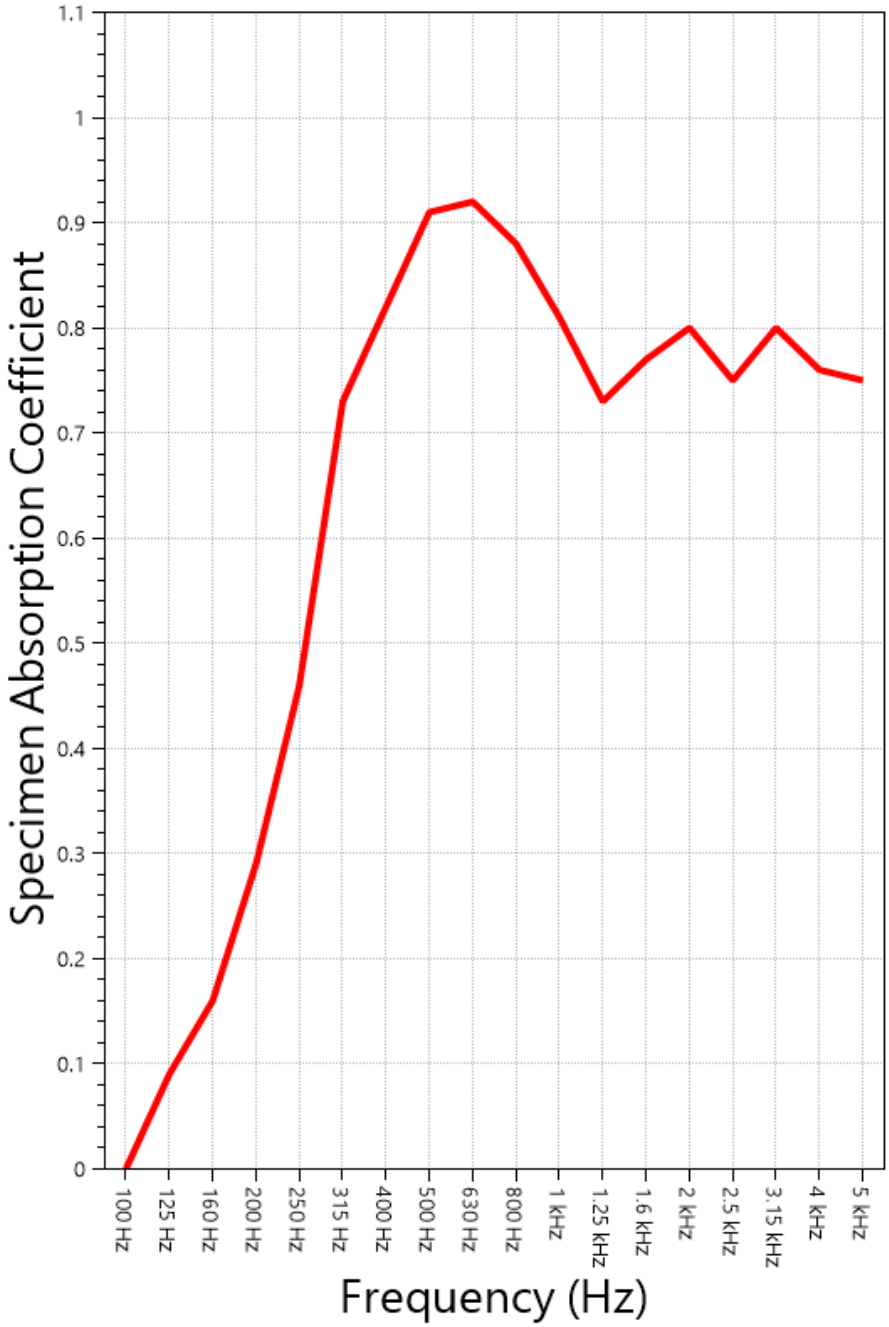
SOUND ABSORPTION REPORT

25oz Drama+ (0% Fullness-Flat)



SAA = 0.74
NRC = 0.75

NVLAP TESTING
NVLAP LAB CODE 100227-0

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IWEISS Holdings, LLC 2025-12-02 **APPENDIX A: Extended Frequency Range Data** RAL Test No. 25-539
Specimen:25ozDrama+(0%Fullness-Flat)(SeeFullReport) Page 7 of 8

The following non-accredited data were obtained in accordance with ASTM C423-23, but extend beyond the ~~defined frequency range of 100Hz to 5,000Hz~~. These unofficial results are representative of the RAL test environment only and intended for research & comparison purposes.

1/3 Octave Band Center Frequency (Hz)	**Total Absorption** (Sabins)	**Absorption Coefficient**
31.5	6.70	0.09
40	-0.95	-0.01
50	2.82	0.04
63	-2.70	-0.04
80	0.36	0.01
100	-0.23	0.00
125	6.60	0.09
160	11.55	0.16
200	20.75	0.29
250	33.25	0.46
315	52.75	0.73
400	58.95	0.82
500	65.85	0.91
630	66.11	0.92
800	63.50	0.88
1000	58.18	0.81
1250	52.25	0.73
1600	55.20	0.77
2000	57.74	0.80
2500	53.98	0.75
3150	57.39	0.80
4000	54.75	0.76
5000	53.66	0.75
6300	49.13	0.68
8000	42.30	0.59
10000	31.23	0.43
12500	19.59	0.27

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APPENDIX B: Instruments of Traceability

Specimen:25ozDrama+(0%Fullness-Flat)(See Full Report)

Description	Model	Serial Number	Date of Certification	Calibration Due
System 1	Type 3160-A-042	3160-106968	2025-07-21	2026-07-21
Bruel & Kjaer Mic And Preamp E	Type 4943-B-001	2311441	2025-06-09	2026-06-09
Bruel & Kjaer Pistonphone	Type 4228	2781248	2025-07-21	2026-07-21
EXTECH Hygro 662	SD700	A083662	2024-12-30	2025-12-30

APPENDIX C: Revisions to Original Test Report

Specimen:25ozDrama+(0%Fullness-Flat)(SeeFull Report)

Date	Revision
2025-12-04	Original report issued

END