

CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Blachford Acoustics Laboratory 1445 Powis Road West Chicago, IL 60185

Fulfills the requirements of

ISO/IEC 17025:2017

In the field of

TESTING

This certificate is valid only when accompanied by a current scope of accreditation document.

The current scope of accreditation can be verified at www.anab.org.

KDX

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 04 February 2026 Certificate Number: L2198





SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

Blachford Incorporated dba Blachford Acoustics Laboratory

1445 Powis Road West Chicago, IL 60185 Malcolm Kelly 630 231 3560

TESTING

Valid to: February 4, 2026 Certificate Number: L2198

Acoustics

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Random Incidence Sound Absorption Coefficient $a = 0 \text{ to } 1.0$ Freq. (100 to 5000) Hz Normal Incidence Sound Absorption Coefficient $a = 0 \text{ to } 1.0$	ASTM C423 ASTM E1050	Acoustical Materials and Components	Reverberation Room; Anechoic; Hemi-anechoic Termination, Microphone, Spectrum Analyzers,
Freq. (100 to 6300) Hz Sound Transmission Loss and Other Airborne Acoustical Performance (0 to 90) dB Freq. (100 to 8000) Hz	SAE J1400		Impedance Tube, Special Test Fixtures
Airflow Resistance Specific Airflow Resistance (100 to 10 000) mks rayls (Pa·s/m)	ASTM C522	Permeable Materials	



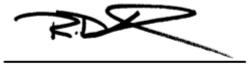


Thermal

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Item <mark>s,</mark> Materials or Pr <mark>od</mark> uct Tested	Key Equipment or Technology
Steady State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus	ASTM C518	Acoustical and Thermal Materials	Thermal Conductivity Apparatus
Mean Temperature Range (-7.5 to 62.5) °C			

Note:

- This scope is formatted as part of a single document including Certificate of Accreditation No. L2198.
- This laboratory does not offer commercial testing services.



R. Douglas Leonard Jr., VP, PILR SBU

Version 006 Issued: February 4, 2023

