SCOPE OF ACCREDITATION FOR TESTING LABORATORY No AB 818

issued by
POLISH CENTRE FOR ACCREDITATION
01-382 Warszawa, ul. Szczotkarska 42

Issue 31 Date of 15.07.2025

AB 818	Name and address **GRYFITLAB SP. Z O.O.** **GROUP OF TESTING LABORATORIES GRYFITLAB** **Łozienica, ul. Prosta 2** **72-100 Goleniów**
Identification code *)	Field of testing and item:
-A/5, A/13, A/26, A/37 -G/33, G/34 - H/5 - J/5, J8 - N/5 - P/5	- Acoustic and vibration tests of building products, materials and items, machinery and devices, vehicles, production plants -Tests concerning environmental engineering (environmental and climatic) - working environment (harmful and nuisance factors - noise), general enviroment (physical factors - noise) - Fire tests of building products, construction materials and items - Mechanical tests of building products, construction products and materials - Tests of physical properties of building products
Conformity assessment for EU Regulation No 305/2011 (CPR)	

Page revision: A

*) The identification code according to the Annex to document DAB-07, available at PCA website www.pca.gov.pl

HEAD OFFICE FOR ACCREDITATION

TADEUSZ MATRAS

This document is an annex to accreditation certificate No. AB 818 of 28.07.2020
Accreditation cycle from 07.07.2023 to 02.08.2027
The status of accreditation and validity of the scope of accreditation can be confirmed at PCA *www.pca.gov.pl*

Acoustic Laboratory Łozienica, ul. Prosta 2, 72-100 Goleniów		
Test subject/product	**Type of test/Test properties/Test method**	**Standards and/or testing procedures**
General environment **- noise from roads,** **railway lines, tram lines**	Equivalent sound level A Display sound level A Range: (24 - 135) dB Direct measurement method	Appendix 3 to the Regulation of the Minister of the Environment dated 16.06.2011 (Journal of Laws 2011, No. 140, item. 824) (Journal of Laws 2011, No. 288, item. 1697) excluding point H
	Equivalent sound level A for the reference time T expressed by L_{AeqD} i L_{AeqN} (from calculations)	
General environment **- noise from airports**	Equivalent sound level A Display sound level A Range: (24 - 135) dB Direct measurement method	Appendix 2 to the Regulation of the Minister of the Environment dated 16.06.2011 (Journal of Laws 2011, No. 140, item. 824) excluding point H
	Equivalent sound level A for the reference time T expressed by L_{AeqD} i L_{AeqN} (from calculations)	
General environment **- noise from installations,** **equipment and industrial plants**	Equivalent sound level A Range: (20 - 135) dB Direct measurement method	Appendix 7 to the Regulation of the Minister of the Environment dated 07.09.2021 (Journal of Laws 2021, item. 1710) PN ISO 9613-2:2002
	Equivalent sound level A for the reference time T expressed by L_{AeqD} i L_{AeqN} (from calculations)	
	Calculations method	
Work environment **- noise**	Equivalent sound level A The maximum sound level A Peak sound level C Range: (24 - 135) dB Direct measurement method	PN-N-01307:1994 PN-EN ISO 9612:2011 excluding the method comprising the strategy 2 and 3 - point 10 and 11
	The level of noise exposure referenced to: - 8 hours daily working time - average weekly working time (from calculations)	
Room in residential buildings, **collective residence and public utilities** **- noise from technical equipment penetrating into the rooms**	Equivalent sound level A Range: (24 - 135) dB Direct measurement method	PN-87/B-02156
	Equivalent sound level A For the reference time T (from calculations)	
	Equivalent sound level A and C The maximum sound level A and C Range: (24 - 135) dB Direct measurement method	PN-EN ISO 10052:2007 PN-EN ISO 10052:2021-12
	Reference and standardized equivalent sound level from technical devices and equipment T (from calculations)	

Page revision: A

Room in residential buildings (except the rooms with special acoustic properties, such as concert halls, rooms with sound system)	The reverberation time Frequency range: (100 - 5000) Hz (possibility of measurement for 50, 63 and 80 Hz)	PN-EN ISO 3382-2:2010 excluding point 5.3
Construction products **- sound-absorbing materials and systems, objects and equipment which are elements of interior design**	The sound absorption coefficient in reverberation chamber Frequency range: (100 - 5000) Hz	PN-EN ISO 354:2005 **„N"**
Machinery and equipment **- noise**	Sound pressure level corrected by characteristic frequency A Sound pressure level in octave bands / 1/3 octave Range: (50 - 10000) Hz Range: (24 - 135) dB Accurate method	PN-EN ISO 3741:2011 excluding point 9.2
	The sound power level (from calculations)	
	Sound pressure level corrected by characteristic frequency A Range: (24 - 135) dB Technical method	PN-EN ISO 3743-2:2010
	The sound power level (from calculations)	
	Sound pressure level corrected by characteristic frequency A Range: (24 - 135) dB Indicative method	PN-EN ISO 3746:2011 + Ap1 : 2017-09 excluding point 8.4
	The sound power level (calculations)	

„N" – The test method used in activities relevant to the notification by the Regulation of the European Parliament and of the Council (EU) No 305/2011 of 9 March 2011

Page revision: A

Construction products **- interior walls, interior doors, exterior walls, gates, exterior doors, windows, windows, glasses, blinds, shutters, roof windows**	Acoustic insulation from the air sounds of building elements Frequency range: (50 - 5000) Hz	PN-EN ISO 10140-1:2021-10 „**N**” PN-EN ISO 10140-2:2021-10 „**N**” PN-EN ISO 10140-4:2021-10 „**N**” PN-EN ISO 10140-5:2021-10 „**N**” PN-EN 20140-3:1999 PN-EN 20140-3:1999/A1:2007 ASTM E90-09(2016)
Construction products **- building components, ventilation and other objects of less than 1 m^2**	Acoustic insulation from the air sounds of building elements Frequency range: (50 - 5000) Hz	PN-EN ISO 10140-1:2021-10 „**N**” PN-EN ISO 10140-2:2021-10 „**N**” PN-EN ISO 10140-4:2021-10 „**N**” PN-EN ISO 10140-5:2021-10 „**N**” PN-EN 20140-10:1994 ASTM E90-09(2016)
Building structures and elements -ceiling	Acoustic insulation from ceiling impact sounds Frequency range: (100 – 5000) Hz (possibility of measurement for 50, 63 and 80 Hz)	PN-EN ISO 140-7:2000 PN-EN ISO 16283-2:2021-02
Internal walls, **interior doors, ceilings**	Estimated acoustic insulation from air sounds of building elements Frequency range: (100 – 5000) Hz	PN-EN ISO 140-4:2000
	Acoustic insulation from air sounds between premises Frequency range: (100 – 5000) Hz (possibility of measurement for 50, 63 and 80 Hz)	PN-EN ISO 16283-1:2014-05
Construction products **- exterior walls and their components, roofs, gates**	Estimated acoustic insulation from air sounds Frequency range: (50 **–** 5000) Hz Reference sound pressure level difference Frequency range: (50 – 5000) Hz The normalized difference of sound pressure levels Frequency range: (50 – 5000) Hz „in situ” method	PN-EN ISO 140-5:1999
Glass panels flat or curved (specially treated)	Airborne sound insulation of building elements Frequency range: (50 – 5000) Hz	PN-EN ISO 10140-1:2021-10 „**N**” PN-EN ISO 10140-2:2021-10 „**N**” PN-EN ISO 10140-4:2021-10 „**N**” PN-EN ISO 10140-5:2021-10 „**N**” PN-EN 20140-3:1999 PN-EN 20140-3:1999/A1:2007 ASTM E90-09(2016)
Insulated glass kits	Acoustic insulation from air sounds Frequency range: (50 – 5000) Hz	PN-EN ISO 10140-1:2021-10 „**N**” PN-EN ISO 10140-2:2021-10 „**N**” PN-EN ISO 10140-4:2021-10 „**N**” PN-EN ISO 10140-5:2021-10 „**N**” PN-EN 20140-3:1999 PN-EN 20140-3:1999/A1:2007 ASTM E90-09(2016)
Windows with double glazing	Acoustic insulation from the air sounds of building elements Insulation indicators R_{A2}, R_{A1}, R_W	Test procedure PB-02, issue 1 of July 31, 2022

„**N**” – The test method used in activities relevant to the notification by the Regulation of the European Parliament and of the Council (EU) No 305/2011 of 9 March 2011

Page revision: A

Fire Resistance Tests Laboratory Łozienica, ul. Prosta 2, 72-100 Goleniów		
Test subject/product	**Type of test/Properties measured/Range of measurement**	**Standards and/or testing procedures**
Walls	Fire Integrity, fire insulation, deflection, radiation	PN-EN 1364-1:2001 „**N**” PN-EN 1364-1:2015-08 „**N**” PN-EN 1363-1:2001 „**N**” PN-EN 1363-1:2012 „**N**” PN-EN 1363-1:2020-07 „**N**” PN-EN 1363-2:2001 excl. p.7 „**N**”
Ceilings	Fire Integrity, Fire insulation	PN-EN 1364-2:2018-02 „**N**” PN-EN 1363-1:2012 „**N**” PN-EN 1363-1:2020-07 „**N**” PN-EN 1363-2:2001 excl. p.7 „**N**” PN-98/B-02875
Curtain walling – Full configuration	Fire Integrity, fire insulation, deflection, radiation	PN-EN 1364-3:2014-03 „**N**” PN-EN 1363-1:2012 „**N**” PN-EN 1363-1:2020-07 „**N**” PN-EN 1363-2:2001 excl. p.7 „**N**”
Curtain walling – Part configuration	Fire Integrity, fire insulation, deflection, radiation	PN-EN 1364-4:2014-04 „**N**” PN-EN 1363-1:2012 „**N**” PN-EN 1363-1:2020-07 „**N**” PN-EN 1363-2:2001 excl. p.7 „**N**”
Fire doors, shutters and openable windows	Fire integrity, fire insulation, self-closing, deflection, gaps measurment, radiation	PN-EN 1634-1:2009 „**N**” PN-EN 1634-1+A1:2018-03 „**N**” PN-EN 1363-1:2001 „**N**” PN-EN 1363-1:2012 „**N**” PN-EN 1363-1:2020-07 „**N**” PN-EN 1363-2:2001 excl. p.7 „**N**”
Fire dampers	Fire integrity, fire insulation, smoke control	PN-EN 1366-2:2001 „**N**” PN-EN 1366-2:2015-08 „**N**” PN-EN 1363-1:2001 „**N**” PN-EN 1363-1:2012 „**N**” PN-EN 1363-1:2020-07 „**N**” PN-EN 1363-2:2001 excl. p.7 „**N**”
Smoke control dampers	Fire integrity, fire insulation, smoke control	PN-EN 1366-10+A1:2017-05 „**N**” PN-EN 1366-10:2023-02 „**N**” PN-EN 1363-1:2012 „**N**” PN-EN 1363-1:2020-07 „**N**” PN-EN 1363-2:2001 excl. p.7 „**N**”
Penetration seals	Fire integrity, fire insulation	PN-EN 1366-3:2022-05 „**N**” PN-EN 1363-1:2012 „**N**” PN-EN 1363-1:2020-07 „**N**” PN-EN 1363-1:2001 „**N**” PN-EN 1363-2:2001 excl. p.7 „**N**”
Floors and roofs	Fire integrity, fire insulation, loadbearing capacity	PN-EN 1365-2:2014-12 „**N**” PN-EN 1363-1:2012 „**N**” PN-EN 1363-1:2020-07 „**N**” PN-EN 1363-2:2001 excl. p.7 „**N**”
Raised access and hollow core floors	Fire integrity, fire insulation, loadbearing capacity	PN-EN 1366-6:2006 „**N**” PN-EN 1363-1:2012 „**N**” PN-EN 1363-1:2020-07 „**N**” PN-EN 1363-2:2001 excl. p.7 „**N**”

„**N**” – The test method used in activities relevant to the notification by the Regulation of the European Parliament and of the Council (EU) No 305/2011 of 9 March 2011

Page revision: A

Test subject/product	Type of test/Properties measured/Range of measurement	Standards and/or testing procedures
Smoke curtains	Resistance temperature – time Smoke control	PN-EN 12101-1:2007 excl. p. 6, 7, 8, 9, app. B, E, ZA PN-EN 1363-1:2012 **„N"** PN-EN 1363-1:2020-07 „**N**" PN-EN 1363-2:2001 excl. p.7 **„N"** PN-EN 1634-3:2006+AC:2006 **„N"**
Light fire storage units	Increase temperature inside the test specimen measured in °C	PN-EN 15659:2019-12 PN-EN 1363-1:2012 „**N**" PN-EN 1363-1:2020-07 „**N**" PN-EN 1363-1:2001 „**N**" PN-EN 1363-2:2001 excl. p.7 „**N**"
Cabinets for flammable liquids	Increase temperature inside the test specimen measured in °C self-closing, closing force, load capacity, aerotechnical test	PN-EN 14470-1 :2023-12
Thermal release mechanism	Response behavior Range: (20 – 130) °C Faulty set-off Range: (20 – 130) °C	ISO 10294-4:2001 ISO 21925-1:2018-11 Appendix C
Fire dampers	Cycling test Voltage: (0 – 300) V	PN-EN 15650:2010 Appendix C PN-EN 1366-10:2011 Appendix A PN-EN 1366-10:2023-02
Smoke control doors and shutters	Smoke control, self closing ratio	PN-EN 1634-3:2006+AC:2006 **„N"**
Filing cabinets, data cabinets and diskette cabinets	Temperature increase inside the specimen measured in °C	NT FIRE 017, Edition 3 Approved 2003-09 ISO 834-1:1999
Fire-protection storage cabinets for lithium-ion batteries	Temperature increase inside and outside, propagation	VDMA 24994-08
Non-mechanical fire barrier for ventilation ductwork	Fire integrity, fire insulation	PN-EN 1366-12+A1:2020-04 PN-EN 1363-1:2012 „**N**" PN-EN 1363-1:2020-07 „**N**" PN-EN 1366-2:2015-08 „**N**" PN-EN 1363-2:2001 excl. p.7 „**N**"
Doors and windows	Resistance to repeated opening and closing	PN-EN 1191:2013-06
Doors and door leaves (of wood, plastics, metals or mixed construction)	Door resistance to vertical loads	PN-EN 947:2000
	Operational forces	PN-EN 12046-2:2001
	Self closing, ability to release, durability	PN-EN 16034:2014-11
Air transfer grills	Fire integrity, fire insulation, radiation	PN-EN 1364-5:2017-08 PN-EN 1363-1:2012 **„N"** PN-EN 1363-1:2020-07 „**N**" PN-EN 1363-2:2001 excl. p. 7
Facade cladding	Fixing effectiveness in fire conditions	Testing procedure PB-01, Issue 1 of 01.09.2021
Linear joint seals	Fire resistance	PN-EN 1364-4:2021-07 excl. Annex B
Construction products and materials	Sampling	PN-83/N-03010 NB-CPR/15/639

„**N**" – The test method used in activities relevant to the notification by the Regulation of the European Parliament and of the Council (EU) No 305/2011 of 9 March 2011

Page revision: A

Type of activity:	Reference document:
PRODUCT ASSESSMENT	REGULATION (EU) No 305/2011 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 9 March 2011 laying down harmonized conditions for the marketing of construction products and repealing Council Directive 89/106/EEC (Official Journal. EU L 88, 4.4.2011, p 5)
Essential characteristic	**Specification**
Resistance to fire	EN 1364-1 EN 1364-2 EN 1364-3 EN 1364-4 EN 1365-2 EN 1366-2 EN 1366-3 EN 1366-6 EN 1366-10 EN 1634-1 EN 1634-3
Acoustic insulation	EN ISO 10140-1
Sound absorption	EN ISO 354

The laboratory meets the requirements set out in the Regulation No. 305/2011 of 9 March 2011 in respect of their operations provided for laboratory research (Annex V, paragraph 3 of the Regulation No. 305/2011) in this regard.

Page revision: A

List of changes
Scope of Accreditation No AB 818

The status of changes: original version - A

Approved status changes

HEAD OFFICE FOR ACCREDITATION

TADEUSZ MATRAS
15.07.2025 r.