The Appendix is an integral part of
Certificate of Accreditation No. 700/2020 of 18/11/2020

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a.s.
Testing Laboratory for Physical Properties of Materials, Structures and Buildings – Zlín
K Cihelně 304, 764 32 Zlín – Louky

Testing laboratory locations:

1	**Building Thermal Engineering Laboratory**	K Cihelně 304, Zlín - Louky
2.	**Acoustics Laboratory**	K Cihelně 304, Zlín - Louky
3.	**Laboratory for Doors and Windows**	K Cihelně 304, Zlín - Louky
4.	**Laboratory for Finishing Works**	K Cihelně 304, Zlín - Louky
5.	**Statics Laboratory**	K Cihelně 304, Zlín - Louky

The laboratory has a flexible scope of accreditation permitted as detailed in the Annex.
Updated list of activities provided within the flexible scope of accreditation is available at the Laboratory from the Head.

1. Building Thermal Engineering Laboratory

Tests:

Ordinal number [1]	Test procedure/ method name	Test procedure/ method identification [2]	Tested object
T1	Determination of thermal resistance, thermal transmittance factor, thermal conductivity factor Hot plate method	ISO 8302 ISO 10291 ČSN EN 674 ČSN EN 1946-2 ČSN EN 12664 ČSN EN 12667 ČSN EN 12939 P 07 1008 (ISO 8302, EN 674)	Building materials, building structures and insulation glass
T2	Measurement of surface temperatures of thermal crossings	ČSN 73 0546	Building structures, doors and windows
T3	Test of dew point, determination of dimensions, shape and quantity of defects, long-term test of moisture penetration and gas concentration	ČSN EN 1279-1, art. 6.3 ČSN EN 1279-2 ČSN EN 1279-3, art. 6 ČSN EN 1279-6, art. B.4 P 07 1064 (ČSN EN 1279-3, art. 6.3.4)	Insulation glass
T4	Determination of thermal resistance, thermal transmittance factor Hot-box method	ČSN EN ISO 12567-1 ČSN EN 1946-4 ČSN EN 12412-2 ČSN EN 12412-4 ČSN EN ISO 8990 ČSN EN ISO 12567-2	Building materials and structures, doors and windows

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a.s.
Testing Laboratory for Physical Properties of Materials, Structures and Buildings – Zlín
K Cihelně 304, 764 32 Zlín – Louky

2. Acoustics Laboratory

Tests:

Ordinal number [1]	Test procedure/ method name	Test procedure/ method identification [2]	Tested object
A1	Laboratory measurement of airborne sound insulation	ČSN EN ISO 10140-2 ČSN EN ISO 10140-1 ČSN EN ISO 10140-4 ČSN EN ISO 717-1 ČSN EN 1793-2 ČSN EN 16272-2 ČSN EN 16272-3-1, art. 6 ASTM E413 ASTM E1332	Building structures and materials, doors and windows
A2*	Measurement of sound insulation	ČSN EN ISO 16383-1 ČSN EN ISO 717-1	Building structures, doors and windows
		ČSN EN ISO 11957, except art. 6 ČSN EN ISO 11546-1, except art. 7.3 ČSN EN ISO 11546-2	Booths, covers
A3*	Measurement of airborne sound insulation of façades and façade elements	ČSN EN ISO 16283-3 ČSN EN ISO 717-1	Façades, doors and windows
A4*	Measurement of impact sound insulation	ČSN EN ISO 10140-3 ČSN EN ISO 10140-1 ČSN EN ISO 10140-4 ČSN EN ISO 16283-2 ČSN EN ISO 717-2	Floor structures
A5	Measurement of improvement of impact sound insulation of floors	ČSN EN ISO 10140-1, Annex H ČSN EN ISO 717-2	Floors, floor coverings
A6*	Measurement of reverberation time in enclosed spaces	ČSN EN ISO 3382-2 ČSN EN ISO 354, art. 7	Enclosed spaces and rooms
A7	Determination of sound absorption coefficient	ČSN EN ISO 354 ČSN EN 1793-1 ČSN ISO 10534-1 ČSN EN ISO 11654 ČSN EN 16272-1 ČSN EN 16272-3-1, art. 5	Sound absorbing materials and structures
A8	Determination of dynamic stiffness of insulating mats	ČSN ISO 9052-1	Insulating materials

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a.s.
Testing Laboratory for Physical Properties of Materials, Structures and Buildings – Zlín
K Cihelně 304, 764 32 Zlín – Louky

Ordinal number [1]	Test procedure/ method name	Test procedure/ method identification [2]	Tested object
A9	Reserved		
A10*	Measurement of sound, sound pressure level	ČSN ISO 1996-1 ČSN ISO 1996-2 ČSN EN ISO 9612 ČSN EN ISO 16032 MoH CR Bulletin, Part 4/2013, art. 4 [3] MoH CR Bulletin, Part 11/2017, art. 1 [3]	Outdoor and indoor environment, technical equipment in buildings

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a.s.
Testing Laboratory for Physical Properties of Materials, Structures and Buildings – Zlín
K Cihelně 304, 764 32 Zlín – Louky

3. Laboratory for Doors and Windows

Tests:

Ordinal number [1]	Test procedure/ method name	Test procedure/ method identification [2]	Tested object
V1*	Determination of distances and geometrical properties	ČSN EN 951 ČSN EN 952	Doors and windows
V2	Determination of resistance to vertical load	ČSN EN 947 ČSN EN 14608	Doors and windows
V3	Determination of the resistance to static torsion	ČSN EN 948 ČSN EN 14609	Doors and windows
V4*	Determination of resistance to impact load	ČSN EN 949 ČSN EN 950 ČSN EN 13049 ČSN 73 2035 ČSN EN 14019 ČSN EN 1873+A1, art. 6.5.2 ČSN EN 14963, art. 6.4.2.1, 6.4.2.2	Building structures, doors and windows
V5	Repeated opening and closing test	ČSN EN 1191 DIN 18055:1981, art. 3.4.3	Doors and windows
V6	Determination of resistance to wind load	ČSN EN 12211 ČSN EN 12444 ČSN EN 12179 ČSN EN 1932 ed.2 ČSN EN 1873+A1, art. 6.4.1 ČSN EN 14963, art. 6.4.1	Doors and windows
V7	Air permeability test	ČSN EN 1026 ČSN EN 12153 ČSN EN 12427 ČSN EN 12114 ČSN EN 1873+A1, art. 6.7	Doors and windows, building structures, building components
V8*	Water tightness test	ČSN EN 1027 ČSN EN 12489 ČSN EN 12155 ČSN EN 12865 ČSN EN 13051 ČSN EN 1873+A1, art. 6.4 ČSN EN 14963, art. 6.3	Building components and elements, doors and windows

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a.s.
Testing Laboratory for Physical Properties of Materials, Structures and Buildings – Zlín
K Cihelně 304, 764 32 Zlín – Louky

Ordinal number [1]	Test procedure/ method name	Test procedure/ method identification [2]	Tested object
V9*	Force test	ČSN EN 12046-2 ČSN EN 12194 ČSN EN 13527 ČSN EN 12453 ČSN EN 12046-1 ČSN EN 16005	Doors and windows
V10*	Testing of mechanical properties of gates	ČSN EN 12605 art. 5.1, 5.2 ČSN EN 12604	Gates

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a.s.
Testing Laboratory for Physical Properties of Materials, Structures and Buildings – Zlín
K Cihelně 304, 764 32 Zlín – Louky

4. Laboratory for Finishing Works

Tests:

Ordinal number [1]	Test procedure/ method name	Test procedure/ method identification [2]	Tested object
D1	Determination of dimensions	ČSN EN 1849-1 ČSN EN 1849-2 ČSN EN 1848-1 ČSN EN 1848-2 ČSN EN 544 ed. 2, art. 6.3	Roofing materials, waterproofing materials
		ČSN 64 0181, Method A	Sheets
		ČSN EN 823 ČSN EN 822	Insulating materials
D2	Determination of dimensional and curling	ČSN 64 0610	Sheets
		ČSN EN 1107-1 ČSN EN 1107-2	Roofing materials, waterproofing materials
		ČSN 64 5405 ČSN EN 1604 ČSN EN 1603	Insulating materials
		ČSN EN ISO 22635 ČSN EN ISO 22633	Adhesives
		ČSN EN 12808-4	Grouts, adhesives
		ČSN EN 13872 ČSN EN 13454-2, art. 5.5	Floor coverings
D3	Determination of mass per unit area	ČSN EN ISO 23997	Floorings
		ČSN EN 1849-1 ČSN EN 1849-2	Roof materials, waterproofing materials

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a.s.
Testing Laboratory for Physical Properties of Materials, Structures and Buildings – Zlín
K Cihelně 304, 764 32 Zlín – Louky

Ordinal number [1]	Test procedure/ method name	Test procedure/ method identification [2]	Tested object
D4	Determination of water absorption	ČSN EN ISO 62	Sheets, roofing materials, waterproofing materials, floor coverings and composite materials
		ČSN EN ISO 29767 ČSN EN ISO 16535	Insulating materials
		ČSN EN 14223	Waterproofing materials
		ČSN EN 544 ed. 2, art. 6.4.3	Roofing materials, waterproofing materials
		ČSN EN 1062-3 ČSN EN 15801 ČSN EN 16581, art. 10.1, 10.2	Surface finish, waterproofing materials, grouts, paints and varnishes
		ČSN EN 12808-5	Grouts, adhesives
		ČSN EN 1015-18	Mortars
D5	Determination of flexibility	ČSN EN 495-5 ČSN EN 1109	Roofing materials, waterproofing materials
D6	Determination of tensile properties	ČSN EN ISO 527-1 ČSN EN ISO 527-2 ČSN EN ISO 527-3	Floor coverings, plastics, sheets
		ČSN EN ISO 1798	Insulating materials
		ČSN EN 12311-1 ČSN EN 12311-2 ČSN EN 12310-1 ČSN EN 12310-2	Roofing materials, waterproofing materials
D7	Determination of shear strength	ČSN EN ISO 22632 ČSN EN 1465 ČSN EN 205	Adhesives
		ČSN EN 12317-1 ČSN EN 12317-2	Roof materials, waterproofing materials
		ČSN EN 12090	Insulating materials
D8	Determination of peeling resistance	ČSN EN ISO 22631 ČSN EN 28510-1 ČSN EN ISO 8510-2	Adhesives
		ČSN EN 12316-1 ČSN EN 12316-2	Roof materials, waterproofing materials

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a.s.
Testing Laboratory for Physical Properties of Materials, Structures and Buildings – Zlín
K Cihelně 304, 764 32 Zlín – Louky

Ordinal number [1]	Test procedure/ method name	Test procedure/ method identification [2]	Tested object
D9	Determination of adhesion	ČSN EN ISO 4624	Paints and varnishes
		ČSN 73 2577 ČSN 73 2579 ČSN EN 1542 ČSN EN 13687-3 ČSN EN 13408 ČSN EN 13892-8	Surface finish, waterproofing materials, floor coverings and composite materials, adhesives, grouts
		ČSN EN 12004-2, art. 8.1, 8.3, 8.4, 8.5	Grouts, adhesives
		ČSN EN 1015-12	Mortars
		ČSN EN 1607	Insulating materials
		ČSN EN 14293, art. 4.4	Adhesives
D10	Determination of wear resistance	ČSN 73 1324 ČSN EN 13892-3	Concrete, screed and composite materials
		ČSN EN 1338, Annex H ČSN EN 1339, Annex H	Paving
D11	Determination of compressive strength	ČSN EN ISO 604 ČSN EN 13892-2	Screed and composite materials
		ČSN EN 826	Insulating materials
		ČSN EN 12190	Mortar, concrete, screed
		ČSN EN 12808-3	Grouts, adhesives
		ČSN EN 1015-11	Mortars
D12	Determination of bending strength	ČSN EN 12808-3	Grouts, adhesives
		ČSN EN ISO 178 ČSN EN 13892-2	Screed and composite materials
		ČSN EN 1015-11	Mortars
		ČSN EN 12089, Method B	Insulating materials
D13	Determination of density and bulk density	ČSN EN 1602	Insulating materials
		ČSN EN 1015-10 ČSN EN 1015-6, art. 7.2.2, 7.2.3	Mortars
D14	Determination of resistance to flow	ČSN EN ISO 7390	Sealants
D15	Determination of change in mass and volume of sealants	ČSN EN ISO 10563	Sealants
D16	Determination of tensile properties of sealants	ČSN EN ISO 8339	Sealants

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a.s.
Testing Laboratory for Physical Properties of Materials, Structures and Buildings – Zlín
K Cihelně 304, 764 32 Zlín – Louky

Ordinal number [1]	Test procedure/ method name	Test procedure/ method identification [2]	Tested object
D17	Determination of elastic recovery	ČSN EN ISO 7389	Sealants
D18	Determination of tensile properties at maintained extension	ČSN EN ISO 8340	Sealants
D19	Determination of adhesion and cohesion at maintained extension after immersion in water	ČSN EN ISO 10590	Sealants
D20	Determination of adhesion and cohesion of sealants	ČSN EN ISO 10591 ČSN EN ISO 9046 ČSN EN ISO 9047	Sealants
D21	Determination of watertightness	ČSN 73 2578 ČSN EN 16302 ČSN EN 16581, art. 10.7, 10.8	Surface finish, waterproofing materials
		ČSN EN 13111 ČSN EN 1928	Roof materials, waterproofing materials
D22	Determination of water vapour transmission properties	ČSN EN ISO 12572 ČSN 72 7030 ČSN EN 15803 ČSN EN 16581, art. 10.3, 10.4	Building materials
		ČSN EN ISO 7783 ČSN 73 2580	Paints and varnishes Surface finish
		ČSN EN 1931	Waterproofing materials
		ČSN EN 1015-19	Mortars
		ČSN EN 12086 ČSN EN 13469	Insulating materials
D23	Determination of mortar frost resistance	ČSN 72 2452	Mortars
D24	Determination of resistance to loading	ČSN EN 12730 ČSN EN 12691 ČSN EN ISO 6272-1	Roofing materials, waterproofing materials, grouts, paints and varnishes
D25	Artificial ageing test	ČSN EN 1296	Roofing materials, waterproofing materials

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a.s.
Testing Laboratory for Physical Properties of Materials, Structures and Buildings – Zlín
K Cihelně 304, 764 32 Zlín – Louky

Ordinal number [1]	Test procedure/ method name	Test procedure/ method identification [2]	Tested object
D26	Determination of compressibility	ČSN EN 13171+A1, art. 4.3.11 ČSN EN 12431 ČSN EN 13163+A2, art. 4.3.15	Insulating materials

5. Statics Laboratory

Tests:

Ordinal number [1]	Test procedure/ method name	Test procedure/ method identification [2]	Tested object
S1	Determination of the resistance of noise barrier elements to wind load and snow removal operations	ČSN EN 1794-1, Annex A, E	Noise barriers
S2	Test of stone impact resistance of noise barrier elements	ČSN EN 1794–1, Annex C	Noise barriers
S3*	Test of safety of noise barriers – risk of falling debris	ČSN EN 1794-2, Annex B	Noise barriers
S4	Determination of dead weight of elements, determination of the effects of dead weight	ČSN EN 1794-1, Annex B, art. B.2.1, B.2.3, P 07 2024 (ČSN EN 1794-1, Annex B, art. B.3.1, B.3.2)	Noise barriers
S5*	Determination of mechanical resistance and stability – resistance to horizontal loads	ETAG 003, art. 5.4.1.1, 5.4.1.4	Internal non-bearing partition kits
		ČSN 74 3305, Annex B P 07 2025 (ČSN 73 2030)	Guard rails
S6*	Vertical load resistance test	ČSN EN 12825, art. 5 ČSN EN 13213, art. 5 ČSN CEN/TS 13810-2, art. 7, 8, 9.1	Floors
S7	Pull-out and shear resistance test	ETAG 001, Annex A, art. 4, 5.1.	Metal anchors
S8*	Load tests	ČSN 73 2030 ČSN EN 380	Building structures

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a.s.
Testing Laboratory for Physical Properties of Materials, Structures and Buildings – Zlín
K Cihelně 304, 764 32 Zlín – Louky

[1] Asterisk at the ordinal number identifies the tests, which the Laboratory is qualified to carry out outside the permanent laboratory premises.
[2] If the document identifying the test procedure is dated, only these specific procedures are used. If the document identifying the test procedure is not dated, the latest edition of the specified procedure is used (including any changes).
[3] Guideline for the measurement and evaluation of noise in non-workplace environment.

Annex:
Flexible scope of accreditation

Ordinal numbers of tests
T1 - T4, A1 – A8, A10, V1 - V10, D1 - D26, S5 - S8

The Laboratory is allowed to modify the test methods listed in the Annex within the specified scope of accreditation provided the measuring principle is observed. The flexible approach to the scope of accreditation cannot be applied to the tests not included in the Annex.

Explanations:

ASTM - US Standard
DIN - German Standard
P 07 xxxx - Internal Procedure
ETAG - Guideline for European Technical Approval
MoH CR - Ministry of Health of the Czech Republic