



**EA MLA Signatory**  
**Český institut pro akreditaci, o.p.s.**  
(Czech Accreditation Institute)  
**Hájkova 2747/22, Žižkov, 130 00 Praha 3**

issues

according to section 16 of Act No. 22/1997 Coll., on technical requirements for products and on changes and amendments to some Acts, as amended

# CERTIFICATE OF ACCREDITATION

No. 169/2026

**Technický a zkušební ústav stavební Praha, s.p.**  
**with registered office Prosecká 811/76a, Prosek, 190 00 Praha 9**  
**Company Registration No. 00015679**

for the Testing Laboratory No. **1018.3**  
Central laboratory

Scope of accreditation:

Testing of building products, structures, bridges, doors and windows, thermal technical properties and physical factors, determination of properties by calculation, testing of light industry products, chemical analysis, ecotoxicity tests, sampling, assessment of properties of building products to the extent as specified in the appendix to this Certificate.

This Certificate of Accreditation is a proof of accreditation issued on the basis of assessment of fulfillment of the accreditation criteria in accordance with

**ČSN EN ISO/IEC 17025:2018**

In its activities performed within the scope and for the period of validity of this Certificate, the abovementioned Accredited Body is entitled to refer to this Certificate, provided that the accreditation is not suspended and the Accredited Body meets the specified accreditation requirements in accordance with the relevant regulations applicable to the activity of an accredited conformity assessment body.

This Certificate of Accreditation replaces, to the full extent, Certificate No.: 625/2025 of 04/12/2025, and/or any administrative acts building upon it.

The Certificate of Accreditation is valid until: **04/12/2030**

Prague: 07/04/2026



Signed in the Czech original:  
Zdeňka Drdová on 07/04/2026

**Jan Velíšek**  
Director of the Department  
of Testing and Calibration Laboratories  
Czech Accreditation Institute

This translation of the Czech original has been issued by: Andrea Muzikářová

**The Appendix is an integral part of  
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CAB number 1018.3, Central Laboratory  
Nemanická 441, 370 10 České Budějovice

**Testing laboratory locations:**

- |   |   |
|---|---|
| 1. <b>Testing Laboratory in Praha (0100)</b>            | Prosecká 811/76a, Prosek, 190 00 Praha 9    |
| 2. <b>Testing Laboratory in České Budějovice (0200)</b> | Nemanická 441, 370 10 České Budějovice      |
| 3. <b>Testing Laboratory in Plzeň (0300)</b>            | Zahradní 15, 326 00 Plzeň - Slovany         |
| 4. <b>Testing Laboratory in Teplice (0400)</b>          | Tolstého 447, Řetenice, 415 03 Teplice      |
| 5. <b>Testing Laboratory in Předměřice n. L. (0500)</b> | Průmyslová 283, 503 02 Předměřice nad Labem |
| 6. <b>Testing Laboratory in Brno (0600)</b>             | Hněvkovského 77, 617 00 Brno                |
| 7. <b>Testing Laboratory in Ostrava (0700)</b>          | U Studia 14, 700 30 Ostrava                 |
| 8. <b>ZÚLP Testing laboratory (1000)</b>                | Nemanická 441, 370 10 České Budějovice      |

*Detailed information on activities within the scope of accreditation (determined analytes, tested subject/ source literature) is given in the section "Specification of the scope of accreditation".*

**1. Testing Laboratory in Praha (0100)**

**Tests:**

Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
<b>1.1</b>	<b>Concrete, admixtures and fibres for concrete</b>			
1.1.1*	Slump test	ČSN EN 12350-2	Fresh concrete	-
1.1.2*	VeBe test	ČSN EN 12350-3	Fresh concrete	-
1.1.3*	Flow table test	ČSN EN 12350-5	Fresh concrete	-
1.1.4*	Determination of mass per unit volume	ČSN EN 12350-6	Fresh concrete	-
1.1.5*	Determination of air content by pressure method	ČSN EN 12350-7, cl. 6	Fresh concrete	-
1.1.6	Frost resistance test	ČSN 73 1322	Hardened concrete	-
1.1.7	Determination of resistance to water and chemical de-icing agents	ČSN 73 1326, method A, C	Hardened concrete	-
1.1.8*	Determination of the shape and dimensions of specimens	ČSN EN 12390-1	Hardened concrete	-
1.1.9*	Determination of compressive strength, including the manufacture and treatment of test specimens	ČSN EN 12390-2; ČSN EN 12390-3; ČSN EN 12504-1, except cl. 6	Hardened concrete	-
1.1.10	Determination of compressive strength of test specimens	ČSN EN 12390-3	Hardened concrete	-

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<b>Ordinal number<sup>1</sup></b>	<b>Test procedure / method name</b>	<b>Test procedure / method identification<sup>2</sup></b>	<b>Tested subject</b>	<b>Degrees of freedom<sup>3</sup></b>
1.1.11	Determination of flexural strength of test specimens	ČSN EN 12390-5	Hardened concrete	-
1.1.12	Determination of the indirect tensile strength of test specimens	ČSN EN 12390-6	Hardened concrete	-
1.1.13	Determination of mass per unit volume	ČSN EN 12390-7	Hardened concrete	-
1.1.14	Determination of depth of penetration of water under pressure	ČSN EN 12390-8	Hardened concrete	-
1.1.15*	Determination of compressive strength	ČSN EN 12504-1, except cl. 6	Hardened concrete	-
1.1.16*	Determination of rebound number by hardness drop tester	ČSN EN 12504-2	Hardened concrete	-
1.1.17*	Test of compressive strength by hardness testing methods (Schmidt N. L.)	ČSN 73 1373	Hardened concrete	-
1.1.18	Determination of air void characteristics	ČSN EN 480-11	Hardened concrete and mortar	-
1.1.19	Determination of flexural tensile strength – limit of proportionality, residual strength	ČSN EN 14651+A1	Metallic fibered concrete	-
<b>1.2</b>	<b>Small concrete products</b>			
1.2.1*	Determination of dimensions	ČSN EN 1338, Annex C; ČSN EN 1339, Annex C; ČSN EN 1340, Annex C	Concrete products	-
1.2.2	Determination of total water absorption	ČSN EN 1338, Annex E; ČSN EN 1339, Annex E; ČSN EN 1340, Annex E	Concrete products	-
1.2.3	Determination of the indirect tensile strength	ČSN EN 1338, Annex F	Concrete products	-
1.2.4	Determination of bending strength and fracture load	ČSN EN 1339, Annex F	Concrete products	-
1.2.5	Determination of bending strength	ČSN EN 1340, Annex F	Concrete products	-
1.2.6	Determination of abrasiveness – Böhme	ČSN EN 1338, Annex H	Concrete products and floorings	-

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1.2.7	Determination of resistance to freezing/thawing	ČSN EN 1338, Annex D; ČSN EN 1339, Annex D; ČSN EN 1340, Annex D	Concrete products	-
<b>1.3</b>	<b>Concrete building components and structures</b>			
1.3.1*	Determination of shapes, dimensions and appearance	ČSN 73 0212-5	Building components	-
1.3.2	Determination of shear load capacity	ČSN EN 1168+A3, Annex J	Hollow core slabs	-
1.3.3	Determination of impact strength	ČSN 73 2035	Building components	-
<b>1.4</b>	<b>Timber, timber components, timber based and fibre-cement products</b>			
1.4.1*	Static loading tests	ČSN EN 380; ČSN 73 2030, Annex D	Timber structures	-
1.4.2	Determination of strength and stiffness	ČSN EN 594	Timber structures, plasterboards	-
1.4.3	Determination of bearing capacity and deformation behaviour	ČSN EN 595	Timber structures	-
1.4.4	Soft body impact test	ČSN EN 596	Timber structures	-
1.4.5	Determination of dimensions, water content, local and global bending modulus of elasticity, shear modulus of elasticity, tensile and compressive modulus of elasticity parallel to and perpendicular to the fibres, tensile and compressive strength parallel to and perpendicular to the fibres, bending and shear strength parallel to the fibres	ČSN EN 408+A1	Structural and glued timber	-
1.4.6	Visual determination of grading characteristics	ČSN 73 2824-1	Coniferous sawn timber for structural elements	-
1.4.7	Determination of shear strength – shear test	ČSN EN 14080, Annex D	Glued timber	-
1.4.8*	Testing of dimensions and geometrical characteristics	ČSN EN 12467+A2, cl. 7.2	Fibre-cement flat sheets	-

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1.4.9*	Determination of moisture content by electrical resistance method	ČSN EN 13183-2	Structural timber	-
1.4.10	Determination of moisture content by gravimetry	ČSN EN 322	Wood-based panels, composites	-
1.4.11	Determination of hard body impact resistance	ČSN EN 1128	Cement-bonded particleboards	-
1.4.12	Determination of strength and deformation characteristics of transversely loaded joints	ČSN EN 1380	Fixtures for timber structures (nails, screws, dowels and bolts)	-
1.4.13	Determination of tensile, compressive and shear strength	ČSN EN 1075	Fixtures for timber structures (joints made with punched metal plate fasteners)	-
1.4.14	Determination of bearing capacity and deformation – parallel to the fibres and perpendicular to the fibres	ČSN EN 1381	Fixtures for timber structures (stapled joints)	-
1.4.15	Determination of withdrawal capacity	ČSN EN 1382	Fixtures for timber structures (screws, nails, staples)	-
1.4.16	Determination of pull through resistance	ČSN EN 1383	Fixtures for timber structures (screws, nails, staples, bolts)	-
1.4.17	Determination of strength and deformation	ČSN EN 26891	Fixtures for timber structures	-
1.4.18	Determination of dimensions	ČSN EN 14592+A1, cl. 5	Fixtures for timber structures	-
1.4.19	Determination of torsional resistance of driving	ČSN EN 15737	Fixtures for timber structures	-
1.4.20	Determination of modulus of elasticity in bending and bending strength	ČSN EN 310	Wood-based panels, composites	-
1.4.21	Determination of tensile strength perpendicular to the plane of the board	ČSN EN 319	Wood-based panels, composites	-
1.4.22	Determination of resistance to humidity	ČSN EN 321	Wood-based panels, composites	-
1.4.23	Determination of thickness swelling	ČSN EN 317	Wood-based panels, composites	-
1.4.24	Determination of yield moment	ČSN EN 409;	Fixtures for timber structures	-

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		ČSN EN 14592+A1, cl. 6.3.4.2		
<b>1.5</b>	<b>Glass grids, geotextiles and geotextile-related products</b>			
1.5.1	Determination of tensile strength and elongation	ČSN EN 13496 EAD 040016-01-0404, cl. 2.2.7	Glass grids, geotextiles and geotextile-related products	-
<b>1.6</b>	<b>Materials, products and waterproofing systems</b>			
1.6.1	Determination of length, width and straightness	ČSN EN 1848-1; ČSN EN 1848-2	Sheets for waterproofing	-
1.6.2	Determination of thickness	ČSN EN 1849-1, cl. 4; ČSN EN 1849-2, cl. 5	Sheets for waterproofing	-
1.6.3	Determination of mass per unit area	ČSN EN 1849-1, cl. 5; ČSN EN 1849-2, cl. 6	Sheets for waterproofing	-
1.6.4	Determination of visible defects	ČSN EN 1850-1; ČSN EN 1850-2	Sheets for waterproofing	-
1.6.5	Determination of flow resistance	ČSN EN 1110	Sheets for waterproofing	-
1.6.6	Determination of tensile properties	ČSN EN 12311-1; ČSN EN 12311-2	Sheets for waterproofing	-
1.6.7*	Determination of tensile adhesion strength	ČSN EN 13596	Sheets for waterproofing	-
1.6.8	Determination of watertightness	ČSN EN 1928; ČSN EN 15820	Sheets for waterproofing	-
1.6.9	Determination of water vapour permeability	ČSN EN 1931	Sheets for waterproofing	-
1.6.10	Determination of water vapour transmission properties	ČSN EN ISO 12572	Hygroscopic, non-hygroscopic building materials, sheathed products	-
1.6.11	Determination of dimensional stability	ČSN EN 1107-1; ČSN EN 1107-2	Sheets for waterproofing	-
1.6.12	Determination of resistance to long term exposure to elevated temperature	ČSN EN 1296	Sheets for waterproofing	-
1.6.13	Determination of resistance to blistering	ČSN EN 544 ed. 2, cl. 6.4.5	Bitumen shingles	-
1.6.14	Determination of geometrical properties	ČSN EN 544 ed. 2, cl. 6.3	Bitumen shingles	-

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1.6.15	Determination of water absorption	ČSN EN 544 ed. 2, cl. 6.4.3	Bitumen shingles	-
1.6.16	Determination of mass per unit area	ČSN EN 544 ed. 2, cl. 6.2	Bitumen shingles	-
1.6.17	Determination of resistance to delamination	EOTA TR 004	Cast roof waterproofing assemblies	-
1.6.18	Determination of resistance to wind load	EOTA TR 005	Cast roof waterproofing assemblies	-
1.6.19	Determination of watertightness	ČSN EN 14891 ed. 2, cl. A.7	Liquid-applied water impermeable products used under ceramic tiling	-
1.6.20	Determination of resistance to artificial ageing by fluorescence UV lamp	EOTA TR 010	Cast roof waterproofing assemblies	-
1.6.21	Determination of resistance to artificial ageing by long term exposure to the combination of UV radiation, elevated temperature and water	ČSN EN 1297	Sheets for waterproofing	-
1.6.22	Determination of resistance to dynamic indentation	EOTA TR 006	Cast roof waterproofing assemblies	-
1.6.23	Determination of resistance to static indentation	EOTA TR 007, except cl. 5.2.5 c)	Cast roof waterproofing assemblies	-
1.6.24	Determination of accelerated ageing by heat	EOTA TR 011	Cast roof waterproofing assemblies	-
1.6.25	Determination of accelerated ageing by hot water	EOTA TR 012	Cast roof waterproofing assemblies	-
1.6.26	Determination of the effects liquid chemicals, including water	ČSN EN 1847	Sheets for waterproofing	-
1.6.27	Determination of peel resistance of joints (fissility of sheets)	ČSN EN 12316-1	Sheets for waterproofing	-
1.6.28	Determination of resistance to tearing (nail shank)	ČSN EN 12310-1	Sheets for waterproofing	-
1.6.29	Determination of peel resistance of joints	ČSN EN 12316-2	Sheets for waterproofing	-

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1.6.30	Determination of shear resistance of joints	ČSN EN 12317-2	Sheets for waterproofing	-
<b>1.7</b>	<b>Stone, aggregates, inactive concrete admixtures, soils</b>			
1.7.1	Determination of resistance to freezing/thawing	ČSN EN 1367-1	Aggregates	-
1.7.2	Determination of particle size distribution – sieving analysis	ČSN EN 933-1	Aggregates	-
1.7.3	Determination of particle shape - Shape index	ČSN EN 933-4	Aggregates	-
1.7.4	Determination of percentage of crushed particles	ČSN EN 933-5	Coarse aggregates	-
1.7.5	Determination of resistance to fragmentation	ČSN EN 1097-2	Aggregates	-
1.7.6	Determination of loose bulk density and voids	ČSN EN 1097-3	Aggregates	-
1.7.7	Determination of the water content by drying in a ventilated oven	ČSN EN 1097-5	Aggregates	-
1.7.8	Determination of particle density and water absorption	ČSN EN 1097-6	Aggregates	-
1.7.9	Determination of density and water absorption	ČSN EN 14617-1	Agglomerated stone	-
1.7.10	Determination of flexural strength	ČSN EN 14617-2	Agglomerated stone	-
1.7.11	Determination of freeze resistance	ČSN EN 14617-5	Agglomerated stone	-
<b>1.8</b>	<b>Metallic materials and parts in construction</b>			
1.8.1	Tensile test	ČSN EN ISO 6892-1; ČSN EN ISO 15630-1, cl. 5; ČSN EN ISO 17660-1, cl. 14.2; ČSN EN ISO 17660-2, cl. 14.2	Metallic products	-
1.8.2	Bend test	ČSN EN ISO 7438; ČSN EN ISO 17660-1, cl. 14.4; ČSN EN ISO 17660-1, cl. 14.4	Metallic products	-

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1.8.3*	Measurement of geometric characteristics	ČSN EN ISO 15630-1, cl. 10, 11	Metallic products	-
1.8.4	Determination of angle accuracy	ČSN EN 14195 ed. 2	Metallic products	-
1.8.5	Fatigue test	ČSN EN ISO 15630-1, cl. 8	Metallic products	-
1.8.6*	Measurement of thickness – microscopic test	ČSN EN ISO 1463	Metallic products – coatings	-
1.8.7	Shear test	ČSN EN ISO 17660-1, cl. 14.3; ČSN EN ISO 17660-2, cl. 14.3	Metallic products	-
1.8.8	Determination of the strength of weld joints – shear test	ČSN EN 10080, Annex B.3, method 1	Truss beams of concrete reinforcing steel, concrete reinforcement, weldable reinforcing steel	-
1.8.9	Salt spray test	ČSN EN ISO 9227, cl. 5.2	Metallic products	-
1.8.10	Determination of dimensions and limit deviations of organic coats	ČSN EN 10245-1	Metallic products	-
1.8.11	Torsion test	ČSN EN ISO 10666, cl. 4.2.3	Drilling screws	-
<b>1.9</b>	<b>Mortars, mortar mixtures, renovation materials, screeds</b>			
1.9.1	Frost resistance test	ČSN 72 2452	Mortars	-
1.9.2	Determination of consistence by flow table	ČSN EN 1015-3	Fresh mortar	-
1.9.3	Determination of consistence by plunger penetration	ČSN EN 1015-4	Fresh mortar	-
1.9.4	Determination of mass per unit volume	ČSN EN 1015-6	Fresh mortar	-
1.9.5	Test of air content	ČSN EN 1015-7	Fresh mortar	-
1.9.6	Test of workable life	ČSN EN 1015-9	Fresh mortar	-
1.9.7	Determination of mass per unit volume	ČSN EN 1015-10	Hardened mortars	-
1.9.8	Test of compressive strength	ČSN EN 1015-11, cl. 9	Hardened mortars	-
1.9.9	Test of compressive strength	ČSN EN 13892-2	Screed materials	-
1.9.10	Test of flexural strength	ČSN EN 1015-11, cl. 8	Hardened mortars	-
1.9.11	Test of flexural strength	ČSN EN 13892-2	Screed materials	-
1.9.12*	Determination of adhesion	ČSN EN 1015-12	Hardened mortars	-

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1.9.13	Determination of adhesion	ČSN EN 12004-2, cl. 8.3; ČSN EN 1348:2008; EN 1348:2007	Cement mortars and adhesives	-
1.9.14*	Determination of adhesion	ČSN EN 13892-8	Screed materials	-
1.9.15	Determination of capillary water absorption coefficient	ČSN EN 1015-18	Hardened mortars	-
1.9.16	Determination of water vapour permeability	ČSN EN 1015-19	Rendering and plastering mortars	-
1.9.17	Determination of slip	ČSN EN 12004-2, cl. 8.2	Mortars and adhesives	-
1.9.18	Measurement of bond strength by shear test	ČSN EN 12004-2, cl. 8.4; ČSN EN 1324:2008; EN 1324:2007	Mortars and dispersion adhesives	-
1.9.19	Determination of open time	ČSN EN 12004-2, cl. 8.1	Mortars and adhesives	-
1.9.20	Measurement of bond strength by shear test	ČSN EN 12004-2, cl. 8.5; ČSN EN 12003:2009; EN 12003:2008	Mortars and adhesives based on reactive resins	-
1.9.21	Determination of abrasion resistance (Böhme)	ČSN EN 13892-3	Screed materials	-
1.9.22	Determination of wear resistance by BCA method	ČSN EN 13892-4	Screed materials	-
1.9.23	Determination of surface hardness	ČSN EN 13892-6	Screed materials	-
1.9.24*	Determination of fluidity and compressive strength	ČSN EN 445, cl. 4.3, 4.6	Injection mortars	-
1.9.25	Determination of linear shrinkage	ČSN EN 12617-1	Products and systems for the protection and repair of concrete structures	-
1.9.26	Determination of thermal compatibility – Freeze-thaw cycling with de-icing salt immersion	ČSN EN 13687-1	Products and systems for the protection and repair of concrete structures	-
1.9.27	Determination of shrinkage and expansion	ČSN EN 12617-4, cl. 6	Products and systems for the protection and repair of concrete structures	-
1.9.28	Determination of compressive strength	ČSN EN 12190	Products and systems for the protection and repair of concrete structures	-

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1.9.29	Determination of resistance to capillary absorption	ČSN EN 13057	Products and systems for the protection and repair of concrete structures	-
1.9.30	Determination of resistance to carbonation depth	ČSN EN 13295	Products and systems for the protection and repair of concrete structures	-
1.9.31*	Determination of carbonation depth	ČSN EN 14630	Products and systems for the protection and repair of concrete structures	-
1.9.32	Determination of abrasion resistance	ČSN EN ISO 5470-1	Products and systems for the protection and repair of concrete structures	-
1.9.33	Pull-out test	ČSN EN 1881	Products and systems for the protection and repair of concrete structures	-
1.9.34	Measurement of bond strength by pull-off	ČSN EN 1542	Products and systems for the protection and repair of concrete structures	-
1.9.35	Determination of carbon dioxide permeability	ČSN EN 1062-6, cl. 4.1, 8.1	Products and systems for the protection and repair of concrete structures	-
1.9.36	Determination of resistance to severe chemical attack – method without pressure	ČSN EN 13529	Products and systems for the protection and repair of concrete structures	-
1.9.37	Determination of joint strength	EGOLF EA 05, cl. 5	Fire protection mortars for steel and concrete structures	-
<b>1.10</b>	<b>Draining elements</b>			
1.10.1	Load test	ČSN EN 1433, cl. 9.1	Drainage channels for vehicular and pedestrian areas	-
1.10.2	Determination of dimensions and shape	ČSN EN 1433, cl. 9.3	Drainage channels for vehicular and pedestrian areas	-
1.10.3	Determination of resistance to frost and chemical de-icing agents	ČSN EN 1433, Annex C	Drainage channels for vehicular and pedestrian areas	-
1.10.4	Determination of dimensions, shapes	ČSN EN 124-1, cl. 8.4	Gully tops and manhole tops	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
Nemanická 441, 370 10 České Budějovice

<b>Ordinal number<sup>1</sup></b>	<b>Test procedure / method name</b>	<b>Test procedure / method identification<sup>2</sup></b>	<b>Tested subject</b>	<b>Degrees of freedom<sup>3</sup></b>
1.10.5	Determination of physico-mechanical characteristics	ČSN EN 1433	Drainage channels for vehicular and pedestrian areas	-
1.10.6	Determination of permanent set	ČSN EN 124-1, Annex A	Gully tops and manhole tops	-
1.10.7	Determination of load-bearing capacity	ČSN EN 124-1, Annex B	Gully tops and manhole tops	-
<b>1.11</b>	<b>Doors and windows, roof lights, hardware</b>			
1.11.1	Air permeability test	ČSN EN 1026	Windows, doors	-
1.11.2	Air permeability test	ČSN EN 12427	Gates	-
1.11.3	Water tightness test	ČSN EN 1027	Windows, doors	-
1.11.4	Test of the resistance to wind load	ČSN EN 12211	Windows, doors	-
1.11.5	Test of the resistance to wind load	ČSN EN 12444	Gates	-
1.11.6	Determination of the strength of welded corners	ČSN EN 514	PVC-U profiles for the manufacture of doors and windows	-
1.11.7	Determination of thermal transmission coefficient - by test - by calculation	ČSN EN ISO 12567-1; ČSN EN ISO 10077-1	Windows, doors	-
1.11.8	Determination of thermal transmission coefficient by calculation	ČSN EN 12428	Gates	-
1.11.9	Determination of thermal transmission coefficient - by test - by calculation	ČSN EN 12412-2; ČSN EN ISO 10077-2	Window and door frames	-
1.11.10	Determination of thermal transmission coefficient - by test - by calculation	ČSN EN ISO 12567-2; ČSN EN 1873+A1, Annex D	Rooflights	-
1.11.11	Determination of resistance to water penetration	ČSN EN 12489	Gates	-
1.11.12	Determination of the resistance to soft and heavy body impact	ČSN EN 949	Doors	-

**The Appendix is an integral part of  
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1.11.13	Determination of the resistance to soft and heavy body impact	ČSN EN 13049	Windows	-
1.11.14	Determination of the resistance to static torsion	ČSN EN 948	Doors	-
1.11.15	Determination of the resistance to static torsion	ČSN EN 14609	Windows	-
1.11.16	Determination of resistance to racking	ČSN EN 947	Doors	-
1.11.17	Determination of resistance to racking	ČSN EN 14608	Windows	-
1.11.18	Determination of resistance to hard body impact	ČSN EN 950	Door leaves	-
1.11.19	Determination of resistance to upward load	ČSN EN 1873+A1, cl. 6.5.1; ČSN EN 1873:2006, cl. 6.4.1	Individual rooflight	-
1.11.20	Determination of resistance to downward load	ČSN EN 1873+A1, cl. 6.5.1; ČSN EN 1873:2006, cl. 6.4.1	Individual rooflight	-
1.11.21	Determination of resistance to small hard body impact	ČSN EN 1873+A1, cl. 6.5.2; ČSN EN 1873:2006, cl. 6.4.2	Individual rooflight	-
1.11.22	Determination of resistance to large soft body impact	ČSN EN 1873+A1, cl. 6.5.2; ČSN EN 1873:2006, cl. 6.4.2	Individual rooflight	-
<b>1.12</b>	<b>Plastics and composites</b>			
1.12.1	Determination of resistance to artificial ageing – fluorescence UV lamps	ČSN EN ISO 4892-3	Plastics, rubbers, bitumen, composites	-
1.12.2	Determination of water absorption	ČSN EN ISO 62	Plastics, composites	-
1.12.3	Determination of tensile properties	ČSN EN ISO 527-1; ČSN EN ISO 527-2; ČSN EN ISO 527-3	Plastics, composites	-
1.12.4	Determination of compressive properties	ČSN EN ISO 604	Thermoplastics, thermosets and thermotropic polymers on the basis of liquid crystals, composites	-
1.12.5	Determination of flexural properties	ČSN EN ISO 178	Thermoplastics and thermosets, composites	-
1.12.6	Determination of the effects of immersion in liquid chemicals (including water)	ČSN EN ISO 175, cl. 5.4, 5.6	Plastics, composites	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

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1.12.7	Determination of linear dimensions	ČSN EN ISO 1923	Cellular plastics and rubber, composites	-
1.12.8	Determination of mass per unit volume	ČSN EN ISO 845	Cellular plastics and rubbers, composites	-
1.12.9	Determination of thickness, width and length	ČSN EN ISO 12017, cl. 6.2, 6.3	Plastics (e.g. PMMA), composites	-
1.12.10	Determination of mass per unit area	ČSN EN ISO 12017	Plastics (e.g. PMMA), composites	-
1.12.11	Determination of flexural properties	ČSN EN ISO 12017	Plastics (e.g. PMMA), composites	-
1.12.12	Determination of resistance to compression	ČSN EN ISO 3386-1	Flexible cellular polymers (low density), composites	-
1.12.13	Determination of the resistance to impact of main profiles by falling mass	ČSN EN 477	Unplasticised polyvinyl chloride (PVC-U) profiles, composites	-
1.12.14	Determination of Shore hardness	ČSN EN ISO 868, Method D	Plastics, composites	-
<b>1.13</b>	<b>Construction cements, fly ash, slags, stabilization of soils, bitumens</b>			
1.13.1	Determination of normal consistency and setting time	ČSN EN 196-3, cl. 5, 6	Cement	-
1.13.2	Determination of volume stability	ČSN EN 196-3, cl. 7	Cement	-
1.13.3	Determination of strength	ČSN EN 196-1	Cement	-
<b>1.14</b>	<b>Gypsum and gypsum products, rock gypsum, anhydride, MgO based panels</b>			
1.14.1	Determination of flexural strength	ČSN EN 13279-2, cl. 4.5.4	Gypsum binders and gypsum plasters for interior plastering	-
1.14.2	Determination of compressive strength	ČSN EN 13279-2, cl. 4.5.5	Gypsum binders and gypsum plasters for interior plastering	-
1.14.3	Determination of adhesion	ČSN EN 13963 ed. 2, cl. 5.5	Jointing materials for gypsum boards	-
1.14.4	Determination of setting time	ČSN EN 13963 ed. 2, cl. 5.2	Jointing materials for gypsum boards	-
1.14.5	Determination of total water absorption	ČSN EN 520+A1, cl. 5.9.2	Plasterboards	-
<b>1.15</b>	<b>Cements, adhesives, jointing materials, paints and coatings, surface finishes</b>			
1.15.1*	Determination of adhesion	ČSN 73 2577	Surface finish	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**  
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1.15.2*	Determination of watertightness	ČSN 73 2578	Surface finish	-
1.15.3	Determination of frost resistance	ČSN 73 2579	Surface finish	-
1.15.4	Determination of water vapour transmission properties	ČSN 73 2580	Surface finish	-
1.15.5	Determination of resistance to rapid temperature changes	ČSN 73 2581	Surface finish	-
1.15.6	Determination of resistance to abrasion	ČSN 73 2582	Surface finish	-
1.15.7	Determination of resistance to liquids	ČSN EN ISO 2812-1; ČSN EN ISO 2812-4	Surface finish	-
1.15.8	Determination of adhesion by pull-off test	ČSN EN ISO 4624	Surface finish	-
1.15.9	Determination of water vapour transmission rate	ČSN EN ISO 7783	Surface finish	-
1.15.10	Determination of water permeability	ČSN EN 1062-3	Surface finish	-
1.15.11	Drop weight test	ČSN EN ISO 6272-1	Surface finish	-
1.15.12*	Determination of resistance of paint coatings and varnishes to separation from substrates – cross-cut test	ČSN EN ISO 2409	Surface finish	-
1.15.13*	Determination of thickness	ČSN EN ISO 2808	Surface finish	-
1.15.14	Determination of resistance to humidity	ČSN EN ISO 6270-1	Surface finish	-
1.15.15	Assessment of degree of blistering	ČSN EN ISO 4628-2	Surface finish	-
1.15.16	Assessment of degree of rusting	ČSN EN ISO 4628-3	Surface finish	-
1.15.17	Assessment of degree of cracking	ČSN EN ISO 4628-4	Surface finish	-
1.15.18	Assessment of degree of flaking	ČSN EN ISO 4628-5	Surface finish	-
1.15.19	Assessment of degree of delamination and corrosion around a scribe	ČSN EN ISO 4628-8	Surface finish	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**  
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1.15.20	Determination of resistance to artificial ageing – UV lamps and water	ČSN EN 927-6	Surface finish	-
1.15.21	Determination of non-volatile-matter content by gravimetry	ČSN EN ISO 3251	Surface finish	-
1.15.22	Determination of elastic recovery	ČSN EN ISO 7389	Sealants	-
1.15.23	Determination of resistance to flow	ČSN EN ISO 7390	Sealants	-
1.15.24	Determination of adhesion and cohesion	ČSN EN ISO 9046	Sealants	-
1.15.25	Determination of volume changes	ČSN EN ISO 10563	Sealants	-
1.15.26	Determination of adhesion and cohesion at maintained extension after immersion in water	ČSN EN ISO 10590	Sealants	-
1.15.27	Determination of adhesion and cohesion properties after immersion in water	ČSN EN ISO 10591	Sealants	-
1.15.28	Determination of tensile properties	ČSN EN ISO 8339, cl. 8.2	Sealants	-
1.15.29	Determination of tensile properties at maintained extension	ČSN EN ISO 8340	Sealants	-
1.15.30	Determination of resistance to compression	ČSN EN ISO 11432	Sealants	-
1.15.31	Determination of chemical resistance	ČSN EN 13888-2, cl. 9.5	Grouts for tiles	-
1.15.32	Determination of flexural and compressive strength	ČSN EN 13888-2, cl. 9.1	Grouts for tiles	-
1.15.33	Determination of shrinkage	ČSN EN 13888-2, cl. 9.3	Grouts for tiles	-
1.15.34	Determination of water absorption	ČSN EN 13888-2, cl. 9.2	Grouts for tiles	-
1.15.35	Determination of ageing resistance – exposure to offshore and related environments	ČSN EN ISO 12944-9, Annex B	Surface finish	-
<b>1.16</b>	<b>Thermal insulation materials and products, thermal tests</b>			

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

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1.16.1	Determination of tensile strength parallel to faces	ČSN EN 1608	Thermal insulation materials and products	-
1.16.2	Determination of setting of blown insulation	ČSN EN 15101-1+A1, cl. B.2; ČSN EN ISO 18393-1; ČSN EN ISO 18393-1:2012; ČSN EN 15101-1+A1, cl. B.1; ČSN EN 14064-1 ed. 2, Annex J	Thermal insulation materials and products	-
1.16.3*	Determination of length and width	ČSN EN 822:2013; ČSN EN ISO 29465	Thermal insulation materials and products	-
1.16.4*	Determination of thickness	ČSN EN 823:2013; ČSN EN ISO 29466	Thermal insulation materials and products	-
1.16.5	Pressure test	ČSN EN 826:2013; ČSN EN ISO 29469	Thermal insulation materials and products	-
1.16.6	Determination of shear strength in axial direction	ČSN EN 253+A1, cl. 5.4.1; ČSN EN 15632-4, cl. 6.2	Thermal insulation materials and products	-
1.16.7	Determination of tensile strength perpendicular to faces	ČSN EN 1607	Thermal insulation materials and products	-
1.16.8	Determination of dimensional stability under specified temperature and humidity conditions	ČSN EN 1604	Thermal insulation materials and products	-
1.16.9	Determination of dimensional stability at constant laboratory conditions	ČSN EN 1603	Thermal insulation materials and products	-
1.16.10	Determination of water absorption by partial immersion	ČSN EN ISO 29767; ČSN EN 1609:2013	Thermal insulation materials and products	-
1.16.11	Determination of long term water absorption by immersion	ČSN EN ISO 16535	Thermal insulation materials and products	-
1.16.12	Determination of elongation at break	ČSN EN 253+A1, cl. 5.2.2	Thermal insulation materials and products	-
1.16.13	Determination of the content of pores and air voids	ČSN EN 253+A1, cl. 5.3.2	Thermal insulation materials and products	-

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Certificate of Accreditation No: 169/2026 of 07/04/2026**

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1.16.14	Measurement of diameter	ČSN EN 253+A1, cl. 4.2.2; ČSN EN 253+A1, cl. 4.3.2.1	Thermal insulation materials and products	-
1.16.15	Measurement of wall thickness	ČSN EN 253+A1, cl. 4.2.3; ČSN EN 253+A1, cl. 4.3.2.2	Thermal insulation materials and products	-
1.16.16	Determination of water vapour transmission rate	ČSN EN 12086	Thermal insulation materials and products	-
1.16.17	Bending test	ČSN EN 12089	Thermal insulation materials and products	-
1.16.18	Determination of mass per unit volume	ČSN EN 1602:2013; ČSN EN ISO 29470	Thermal insulation materials and products	-
1.16.19	Determination of steady-state thermal transmission properties - by test - by calculation	ČSN EN ISO 8990; ČSN EN ISO 6946; ČSN EN ISO 10211	Building materials and structures	-
1.16.20	Determination of resistance to impact – coating impact test	ČSN EN 253+A1, cl. 5.4.6	Thermal insulation materials and products	-
1.16.21	Determination of metal corrosion resistance	ČSN EN 15101-1+A1, Annex E	Thermal insulation materials	-
1.16.22	Determination of thermal resistance by means of guarded hot plate and heat flow meter methods	ČSN EN 12667	Building materials and products	-
1.16.23	Determination of tensile strength perpendicular to the plane of the panel	ČSN EN 14509 ed. 2, Annex A1	Thermal insulation materials – double skin faced panels	-
1.16.24	Determination of compressive strength	ČSN EN 14509 ed. 2, Annex A.2	Thermal-insulation materials – Self-supporting sandwich panels	-
1.16.25	Determination of shear strength	ČSN EN 14509 ed. 2, Annex A.3	Thermal-insulation materials – Self-supporting sandwich panels	-
1.16.26	Determination of flexural strength	ČSN EN 14509 ed. 2, Annex A.5	Thermal-insulation materials – Self-supporting sandwich panels	-
1.16.27	Determination of durability	ČSN EN 14509 ed. 2, Annex B	Thermal-insulation materials – Self-supporting sandwich panels	-

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1.16.28	Determination of the reaction profile and free-rise density	ČSN EN 14315-1, Annex E	Thermal insulation materials – PUR foams	-
1.16.29	Determination of substrate adhesion strength perpendicular to faces	ČSN EN 14315-1, Annex F	Thermal insulation materials – PUR foams	-
1.16.30	Reaction to fire tests – Single-flame source test	ČSN EN ISO 11925-2	Thermal insulation materials and building materials	-
1.16.31	Reaction to fire tests – Non-combustibility test	ČSN EN ISO 1182	Thermal insulation materials and building materials	-
1.16.32	Determination of behaviour under point load	ČSN EN 12430	Thermal insulation materials and products	-
<b>1.17</b>	<b>Road equipment, road signs, lighting poles</b>			
1.17.1	Impact test – danger of falling debris	ČSN EN 1794-2, Annex B; ČSN EN 1794-2:2004, Annex B	Road traffic noise reducing devices	-
1.17.2	Testing of stone impact resistance	ČSN EN 1794-1, Annex C; ČSN EN 1794-1:2004, Annex C	Road traffic noise reducing devices	-
<b>1.18</b>	<b>Thermal insulation systems</b>			
1.18.1	Determination of adhesion to the substrate	EAD 040089-00-0404, cl. 2.2.3.1, 2.2.3.3, 2.2.3.4, 2.2.3.20, 2.2.3.21; EAD 040083-00-0404, cl. 2.2.11, 2.2.20; EAD 040083-01-0404, cl. 2.2.10.1, 2.2.10.2, 2.2.10.3	Adhesive and screed materials for ETICS	-
1.18.2	Determination of frost resistance	EAD 040089-00-0404, cl. 2.2.2.3; EAD 040083-00-0404, cl. 2.2.7; EAD 040083-01-0404, cl. 2.2.7	Mortars – ETICS	-
1.18.3	Determination of tensile strength under normal conditions and after artificial ageing	EAD 040089-00-0404, cl. 2.2.3.23 to 2.2.3.25; EAD 040083-00-0404, cl. 2.2.21.1, 2.2.21.2; EAD 040083-01-0404, cl. 2.2.21, 2.2.21.2	Mesh – ETICS	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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1.18.4	Determination of water absorption	EAD 040089-00-0404, cl. 2.2.2.1; EAD 040083-00-0404, cl. 2.2.5.1; EAD 040083-01-0404, cl. 2.2.5.1	ETICS	-
1.18.5	Determination of hard body impact resistance	EAD 040089-00-0404, cl. 2.2.3.19; EAD 040083-00-0404, cl. 2.2.8; EAD 040083-01-0404, cl. 2.2.8	ETICS	-
1.18.6	Determination of mass per unit volume	EAD 040083-00-0404, cl. A.6.2; EAD 040083-01-0404, cl. 3.4.1.1	Fresh mortar – ETICS	-
1.18.7	Determination of mass per unit area	EAD 040083-00-0404, cl. A.8.2; EAD 040083-01-0404, cl. 3.4.3.1	Reinforcement mesh – ETICS	-
1.18.8	Determination of mass per unit volume	EAD 040083-00-0404, cl. A.6.3; EAD 040083-01-0404, cl. 3.4.1.2	Base layer, dry hardened mortar – ETICS	-
1.18.9	Determination of grain size	EAD 040083-00-0404, cl. A.6.4; EAD 040083-01-0404, cl. 3.4.1.3	Pastes, powders – ETICS	-
<b>1.19</b>	<b>Loading tests of bridges, building structure and floors</b>			
1.19.1*	Static loading tests	ČSN 73 2030, Annex A, B, C	Building structures and their parts	-
1.19.2	Determination of impact resistance	ČSN 74 3305, Annex B	Railings	-
<b>1.20</b>	<b>Masonry, hardware, partition walls, ceilings, floors</b>			
1.20.1	Determination of impact resistance	ISO 7892	Ventilated facades, partition kits, railings	-
1.20.2	Determination of impact resistance – small hard body	EOTA TR 001, cl. 3	Framed walls	-
1.20.3	Determination of impact resistance – large soft body	EOTA TR 001, cl. 2	Framed walls	-

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<b>1.21</b>	<b>Masonry units, permanent formwork, ceiling elements, burnt and concrete roofing</b>			
1.21.1	Determination of water permeability	ČSN EN 539-1	Clay roofing tiles	-
1.21.2	Determination of dimensions	ČSN EN 772-16	Masonry units	-
1.21.3	Determination of compression strength, flexural strength and load capacity	ČSN 72 2605	Masonry materials and clay roofing tiles	-
1.21.4	Determination of flexural strength	ČSN EN 538	Masonry materials and clay roofing tiles	-
1.21.5	Determination of fracture load	ČSN 72 2642, cl. 13	Brick products – ceiling materials	-
1.21.6	Determination of frost resistance	ČSN 72 2601, Annex A	Brick products	-
1.21.7	Determination of frost resistance	ČSN EN 772-18	Masonry units	-
1.21.8	Testing of dimensional tolerances and mass	ČSN EN 491, cl. 5.2 to 5.5	Concrete roofing tiles	-
1.21.9	Determination of percentage area of voids (by paper indentation)	ČSN EN 772-2	Concrete masonry units	-
1.21.10	Determination of geometrical characteristics	ČSN EN 1024	Clay roofing tiles	-
1.21.11	Determination of moisture content by gravimetry	ČSN EN 772-10	Calcium silicate masonry units, aerated concrete units	-
1.21.12	Determination of water absorption by boiling in water	ČSN EN 772-7	Burnt masonry elements for damp proof course units	-
1.21.13	Determination of water absorption due to capillary action and the initial rate of water absorption	ČSN EN 772-11	Concrete masonry units and masonry units	-
1.21.14	Determination of cold water absorption	ČSN EN 772-21	Masonry units	-
1.21.15	Determination of net volume and percentage of voids by hydrostatic weighing	ČSN EN 772-3	Masonry units	-
1.21.16	Determination of mass per unit volume	ČSN EN 772-13	Masonry units	-

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Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
1.21.17	Determination of transversal fracture load	ČSN EN 1344, Annex D	Clay pavers	-
1.21.18	Determination of moisture movement	ČSN EN 772-14	Masonry units	-
1.21.19	Determination of strength	ČSN EN 15435, Annex A, B	Precast concrete products	-
1.21.20	Measurement of surface dimensions and characteristics	ČSN EN 15037-2+A1, cl. 5.1	Beam-and-block floor systems	-
1.21.21	Determination of bending strength	ČSN EN 15037-2+A1, cl. 5.2.2	Beam-and-block floor systems	-
1.21.22	Determination of compressive strength in longitudinal and lateral direction	ČSN EN 15037-2+A1, cl. 5.2.3, 5.2.4	Beam-and-block floor systems	-
1.21.23	Determination of compressive strength	ČSN EN 772-1+A1	Masonry units	-
1.21.24	Determination of water permeability	ČSN EN 491, cl. 5.7	Concrete roofing tiles	-
1.21.25	Determination of mechanical resistance (transverse load bearing capacity)	ČSN EN 491, cl. 5.6	Concrete roofing tiles	-
1.21.26	Frost resistance test	ČSN EN 491, cl. 5.8	Concrete roofing tiles	-
1.21.27	Determination of resistance to concentric load	ČSN EN 15037-2+A1, cl. 5.2.1	Beam-and-block floor systems	-

<sup>1</sup> asterisk at the ordinal number identifies the tests, which the laboratory is qualified to carry out outside the permanent laboratory premises

<sup>2</sup> 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 valid edition of the specified procedure is used (including any changes)

<sup>3</sup> the laboratory does not apply a flexible approach to the scope of accreditation.

**Sampling:**

Ordinal number	Sampling procedure name	Sampling procedure identification <sup>1</sup>	Subject of sampling
1.1	Fresh concrete sampling	ČSN EN 12350-1	Fresh concrete
1.2	Hardened concrete sampling	ČSN EN 12504-1, cl. 6	Hardened concrete
1.3	Sampling of bitumen, plastic and rubber sheets	ČSN EN 13416	Bitumen, plastic and rubber sheets for roof waterproofing
1.4	Aggregate sampling	ČSN EN 932-1	Aggregates

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
Nemanická 441, 370 10 České Budějovice

<b>Ordinal number</b>	<b>Sampling procedure name</b>	<b>Sampling procedure identification<sup>1</sup></b>	<b>Subject of sampling</b>
1.5	Sampling and preparation of testing mortars	ČSN EN 1015-2	Mortars
1.6	Sampling of cement and fly ash	ČSN EN 196-7	Cement and ash

<sup>1</sup> if the document identifying the sampling procedure is dated, only these specific procedures are used. If the document identifying the sampling procedure is not dated, the latest valid edition of the specified procedure is used (including any changes)

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**  
CAB number 1018.3, Central Laboratory  
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**2. Testing Laboratory in České Budějovice (0200)**

**Tests:**

Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
<b>2.1</b>	<b>Concrete, admixtures and fibres for concrete</b>			
2.1.1*	Slump test	ČSN EN 12350-2	Fresh concrete	-
2.1.2*	Flow table test	ČSN EN 12350-5	Fresh concrete	-
2.1.3*	Determination of mass per unit volume	ČSN EN 12350-6	Fresh concrete	-
2.1.4*	Determination of air content by pressure method	ČSN EN 12350-7, cl. 6	Fresh concrete	-
2.1.5	Determination of tensile strength	ČSN 73 1318	Hardened concrete	-
2.1.6	Frost resistance test	ČSN 73 1322	Hardened concrete	-
2.1.7	Determination of resistance to water and chemical de-icing agents	ČSN 73 1326, method A, C	Hardened concrete	-
2.1.8*	Determination of the shape and dimensions of specimens	ČSN EN 12390-1	Hardened concrete	-
2.1.9*	Determination of compressive strength, including the manufacture and treatment of test specimens	ČSN EN 12390-2; ČSN EN 12390-3; ČSN EN 12504-1, except cl. 6	Hardened concrete	-
2.1.10	Determination of compressive strength of test specimens	ČSN EN 12390-3	Hardened concrete	-
2.1.11	Determination of flexural strength of test specimens	ČSN EN 12390-5	Hardened concrete	-
2.1.12	Determination of the indirect tensile strength of test specimens	ČSN EN 12390-6	Hardened concrete	-
2.1.13	Determination of mass per unit volume	ČSN EN 12390-7	Hardened concrete	-
2.1.14	Determination of depth of penetration of water under pressure	ČSN EN 12390-8	Hardened concrete	-
2.1.15	Determination of static modulus of elasticity in compression	ČSN ISO 1920-10	Hardened concrete	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
Nemanická 441, 370 10 České Budějovice

<b>Ordinal number<sup>1</sup></b>	<b>Test procedure / method name</b>	<b>Test procedure / method identification<sup>2</sup></b>	<b>Tested subject</b>	<b>Degrees of freedom<sup>3</sup></b>
2.1.16*	Determination of compressive strength	ČSN EN 12504-1, except cl. 6	Hardened concrete	-
2.1.17*	Determination of rebound number by hardness drop tester	ČSN EN 12504-2	Hardened concrete	-
2.1.18*	Determination of compressive strength by hardness testing methods (Schmidt N. L.)	ČSN 73 1373	Hardened concrete	-
2.1.19*	Determination of compressive strength by hardness testing methods (Schmidt N. L.)	ČSN 73 2011	Hardened concrete	-
2.1.20	Determination of setting time	ČSN EN 480-2	Concrete and mortar additives	-
2.1.21	Determination of bleeding of concrete	ČSN EN 480-4	Concrete and mortar additives	-
2.1.22	Determination of capillary absorption	ČSN EN 480-5	Concrete and mortar additives	-
2.1.23	Determination of solids content	ČSN EN 480-8	Concrete and mortar additives	-
2.1.24*	Determination of adhesion, tensile strength and impermeability	ČSN 73 6242, Annex B	Bridges – surface layers	-
2.1.25*	Determination of pavement surface macrotexture depth using a volumetric patch technique	ČSN EN 13036-1	Bridges – surfaces	-
2.1.26*	Determination of irregularity of pavement courses	ČSN 73 6175, cl. 8	Bridges – surfaces	-
2.1.27*	Determination of impermeability by measuring electrical resistance	ČSN 73 6242, Annex D	Bridges – surface layers	-
2.1.28	Determination of impermeability by high electrical voltage – spark test	ČSN 73 6242, Annex E	Bridges – surface layers	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
Nemanická 441, 370 10 České Budějovice

Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
2.1.29	Determination of static modulus of elasticity in compression	ČSN ISO 6784:1993	Hardened concrete	-
2.1.30*	Determination of pile integrity by PIT method	IP 0200T001 (Pile Echo Tester manual)	Hardened concrete	-
2.1.31*	Determination of pile integrity by CHA method	IP 0200T002 (Pile Echo Tester manual)	Hardened concrete	-
<b>2.2</b>	<b>Small concrete products</b>			
2.2.1*	Determination of dimensions	ČSN EN 1338, Annex C; ČSN EN 1339, Annex C; ČSN EN 1340, Annex C	Concrete products	-
2.2.2	Determination of total water absorption	ČSN EN 1338, Annex E; ČSN EN 1339, Annex E; ČSN EN 1340, Annex E	Concrete products	-
2.2.3	Determination of bending strength and fracture load	ČSN EN 1339, Annex F	Concrete products	-
2.2.4	Determination of bending strength	ČSN EN 1340, Annex F	Concrete products	-
2.2.5	Determination of load capacity and the total bearing capacity	ČSN EN 12839 ed. 2	Fence elements	-
<b>2.3</b>	<b>Concrete building components and structures</b>			
2.3.1*	Determination of dimensions, shapes, top layer of reinforcement, crack width	ČSN EN 13369, Annex H; ČSN EN 13369:2013, Annex J	Concrete components	-
2.3.2	Determination of water absorption	ČSN EN 13369, Annex F; ČSN EN 13369:2013, Annex G	Concrete components	-
2.3.3*	Determination of dimensions, shapes, top layer of reinforcement, crack width	ČSN EN 15037-1, Annex H	Concrete girders for ceiling structures	-
2.3.4	Determination of strength and load bearing capacity	ČSN EN 1916, Annex C, D	Concrete pipes	-
2.3.5	Determination of strength and load bearing capacity	ČSN EN 1917, Annex A, B	Concrete manholes	-
2.3.6*	Static loading test	ČSN EN 15037-1, Annex H	Concrete girders for ceiling structures	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
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2.3.7	Determination of watertightness	ČSN EN 1917, Annex C, D	Concrete manholes	-
2.3.8*	Determination of dimensions and characteristics of surface, mechanical resistance	ČSN EN 15037-2+A1, cl. 5.1, 5.2.1, 5.2.2, 5.2.3	Precast concrete products	-
2.3.9*	Determination of shapes, dimensions and appearance	ČSN 73 0212-5	Building components	-
2.3.10	Determination of moisture content by drying at elevated temperature	ČSN EN ISO 12570	Building materials and products	-
2.3.11	Determination of mass	ČSN 73 2045	Building components	-
<b>2.4</b>	<b>Timber, timber components, timber based and fibre-cement products</b>			
2.4.1*	Static loading tests	ČSN EN 380; ČSN 73 2030, Annex D	Timber structures	-
2.4.2	Determination of withdrawal capacity of fasteners	ČSN EN 1382; EAD 040089-00-0404, cl. 2.2.3.13	Timber structures	-
2.4.3	Determination of resistance to soft body impact	ČSN EN 596	Timber framed walls	-
<b>2.5</b>	<b>Physical factors</b>			
2.5.1*	Determination of air permeability of buildings	ČSN EN ISO 9972	Buildings	-
<b>2.6</b>	<b>Glass grids, geotextiles and geotextile-related products</b>			
2.6.1	Determination of tensile strength and elongation	ČSN EN 13496	Glass grids, geotextiles and geotextile-related products	-
<b>2.7</b>	<b>Materials, products and waterproofing systems</b>			
2.7.1	Determination of watertightness	ČSN EN 14891 ed. 2, cl. A.7	Liquid-applied water impermeable products used under ceramic tiling	-
2.7.2	Determination of water absorption	ČSN 50 3602, cl. 46 to 48	Covering and insulation materials in rolls	-
2.7.3	Determination of mass per unit area	ČSN 50 3602, cl. 10, 11	Covering and insulation materials in rolls	-
2.7.4	Determination of the crack bridging	ČSN EN 14891 ed. 2, cl. A.8	Liquid-applied water impermeable products used under ceramic tiling	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**  
CAB number 1018.3, Central Laboratory  
Nemanická 441, 370 10 České Budějovice

<b>Ordinal number<sup>1</sup></b>	<b>Test procedure / method name</b>	<b>Test procedure / method identification<sup>2</sup></b>	<b>Tested subject</b>	<b>Degrees of freedom<sup>3</sup></b>
2.7.5	Determination of adhesion	ČSN EN 14891 ed. 2, cl. A.6	Liquid-applied water impermeable products used under ceramic tiling	-
<b>2.8</b>	<b>Stone, aggregates, inactive concrete admixtures, soils</b>			
2.8.1	Determination of resistance to freezing/thawing	ČSN EN 1367-1	Aggregates	-
2.8.2	Determination of various aggregate particles	ČSN 72 1180	Aggregates	-
2.8.3	Determination of fine particle quality - loss on drying test	ČSN 72 1187	Aggregates	-
2.8.4	Determination of particle size distribution – sieving analysis	ČSN EN 933-1	Aggregates	-
2.8.5	Determination of particle shape - flakiness index	ČSN EN 933-3	Aggregates	-
2.8.6	Determination of particle shape - shape index	ČSN EN 933-4	Aggregates	-
2.8.7	Determination of percentage of crushed particles	ČSN EN 933-5	Coarse aggregates	-
2.8.8	Determination of fine particle quality – sand equivalent test	ČSN EN 933-8+A1	Aggregates	-
2.8.9	Determination of fine particle quality – methylene blue test	ČSN EN 933-9	Aggregates	-
2.8.10	Classification of constituents	ČSN EN 933-11	Coarse recycled aggregates	-
2.8.11	Determination of resistance to wear	ČSN EN 1097-1	Aggregates	-
2.8.12	Determination of resistance to fragmentation	ČSN EN 1097-2	Aggregates	-
2.8.13	Determination of loose bulk density and voids	ČSN EN 1097-3	Aggregates	-
2.8.14	Determination of the water content by drying in a ventilated oven	ČSN EN 1097-5	Aggregates	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**  
CAB number 1018.3, Central Laboratory  
Nemanická 441, 370 10 České Budějovice

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2.8.15	Determination of particle density and water absorption	ČSN EN 1097-6	Aggregates	-
2.8.16	Determination of particle density and water absorption	ČSN EN 1097-7	Aggregates	-
2.8.17	Determination of resistance by magnesium sulphate	ČSN EN 1367-2	Aggregates	-
2.8.18	Determination of thermal and weathering properties – boiling test	ČSN EN 1367-3	Aggregates	-
2.8.19	Determination of drying shrinkage	ČSN EN 1367-4	Aggregates	-
2.8.20	Determination of potential content of humus particles	ČSN EN 1744-1+A1, cl. 15.1	Aggregates	-
2.8.21	Determination of durability by accelerated test with sodium sulphate	ČSN 72 1176, cl. 7 to 16	Aggregates	-
2.8.22	Determination of resistance to freezing by freeze test	ČSN 72 1176, cl. 17 to 26	Aggregates	-
2.8.23	Determination of resistance to fragmentation	ČSN EN 13450, Annex C	Aggregates	-
2.8.24	Determination of resistance to freezing/thawing	ČSN EN 13450, Annex F	Aggregates	-
2.8.25	Determination of resistance to magnesium sulphate	ČSN EN 13450, Annex G	Aggregates	-
2.8.26	Determination of resistance to freezing/thawing	ČSN EN 1367-7	Lightweight aggregates	-
2.8.27*	Determination of compaction	ČSN 72 1006, Annex A, B and D	Soils and backfills	-
2.8.28*	Determination of density with cutting ring	ČSN 72 1010, cl. 8 to 14	Soils and backfills	-
2.8.29*	Determination of compactability – Proctor compaction	ČSN EN 13286-2	Soils and backfills	-
2.8.30	Determination of density and water absorption	ČSN EN 14617-1	Agglomerated stone	-
2.8.31	Determination of flexural strength	ČSN EN 14617-2	Agglomerated stone	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
Nemanická 441, 370 10 České Budějovice

Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
2.8.32	Determination of frost resistance	ČSN EN 14617-5	Agglomerated stone	-
2.8.33	Determination of dimensions, geometric characteristics and surface quality	ČSN EN 14617-16	Agglomerated stone	-
2.8.34*	Static plate load test	ČSN 73 6190	Soils and backfills	-
<b>2.9</b>	<b>Metallic materials and parts in construction</b>			
2.9.1	Tensile test	ČSN EN ISO 6892-1	Metallic products	-
2.9.2	Bending test	ČSN EN ISO 7438; ČSN EN ISO 5173	Metallic products	-
<b>2.10</b>	<b>Chimneys, chimney sheaths and flues, refractory materials and products, ceramic raw materials</b>			
2.10.1	Determination of frost resistance	ČSN EN 14297	Chimney products	-
<b>2.11</b>	<b>Mortars, mortar mixtures, renovation materials, screeds</b>			
2.11.1	Frost resistance test	ČSN 72 2452	Masonry mortars	-
2.11.2	Determination of particle size distribution – sieving analysis	ČSN EN 1015-1	Dry mixtures	-
2.11.3	Determination of consistence by flow table	ČSN EN 1015-3	Fresh mortar	-
2.11.4	Determination of consistence by plunger penetration	ČSN EN 1015-4	Fresh mortar	-
2.11.5	Determination of mass per unit volume	ČSN EN 1015-6	Fresh mortar	-
2.11.6	Determination of air content	ČSN EN 1015-7	Fresh mortar	-
2.11.7	Test of workable life	ČSN EN 1015-9	Fresh mortar	-
2.11.8	Determination of mass per unit volume	ČSN EN 1015-10	Dry hardened mortars	-
2.11.9	Test of compressive strength	ČSN EN 1015-11, cl. 9	Dry hardened mortars	-
2.11.10	Test of compressive strength	ČSN EN 13892-2, cl. 6.2	Screed materials	-
2.11.11	Test of flexural strength	ČSN EN 1015-11, cl. 8	Dry hardened mortars	-
2.11.12	Test of flexural strength	ČSN EN 13892-2, cl. 6.1	Screed materials	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
Nemanická 441, 370 10 České Budějovice

<b>Ordinal number<sup>1</sup></b>	<b>Test procedure / method name</b>	<b>Test procedure / method identification<sup>2</sup></b>	<b>Tested subject</b>	<b>Degrees of freedom<sup>3</sup></b>
2.11.13*	Determination of adhesion	ČSN EN 1015-12	Dry hardened mortars	-
2.11.14	Determination of adhesion	ČSN EN 12004-2, cl. 8.3; ČSN EN 1348:2008	Cement mortars and adhesives	-
2.11.15*	Determination of adhesion	ČSN EN 13892-8	Screed materials	-
2.11.16	Determination of capillary water absorption coefficient	ČSN EN 1015-18	Hardened mortars	-
2.11.17	Determination of water vapour permeability	ČSN EN 1015-19	Rendering and plastering mortars	-
2.11.18	Determination of adhesion to substrate	ČSN EN 1015-21	Mortars and one-coat rendering mortars	-
2.11.19	Determination of slip	ČSN EN 12004-2, cl. 8.2	Mortars and adhesives	-
2.11.20	Measurement of bond strength by shear test	ČSN EN 12004-2, cl. 8.4; ČSN EN 1324:2008	Mortars and dispersion adhesives	-
2.11.21	Determination of open time	ČSN EN 12004-2, cl. 8.1	Mortars and adhesives	-
2.11.22	Determination of transverse deformation	ČSN EN 12004-2, cl. 8.6	Cement mortars and grouts	-
2.11.23	Measurement of bond strength by shear test	ČSN EN 12004-2, cl. 8.5; ČSN EN 12003:2009	Mortars and adhesives based on curable resins	-
2.11.24	Determination of dimensional variations	ČSN EN 13872	Screed materials	-
2.11.25	Determination of water retention capability	WTA 2-9:03/2020, cl. 6.2.4	Renovation plasters	-
2.11.26	Determination of water vapour diffusion resistance factor	WTA 2-9:03/2020, cl. 6.3.9	Renovation plasters	-
2.11.27	Determination of capillary water absorption	WTA 2-9:03/2020, cl. 6.3.7	Renovation plasters	-
2.11.28	Determination of water penetration depth	WTA 2-9:03/2020, cl. 6.3.8	Renovation plasters	-
2.11.29	Determination of porosity	WTA 2-9:03/2020, cl. 6.3.10	Renovation plasters	-
2.11.30	Determination of resistance to salts	WTA 2-9:03/2020, cl. 6.3.11	Renovation plasters	-
2.11.31	Determination of linear shrinkage	ČSN EN 12617-1	Products and systems for the protection and repair of concrete structures	-
2.11.32	Determination of thermal compatibility – Freeze-	ČSN EN 13687-1	Products and systems for the protection and repair of concrete structures	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
Nemanická 441, 370 10 České Budějovice

Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
	thaw cycling with de-icing salt immersion			
2.11.33	Determination of thermal compatibility – Thermal cycling without de-icing salt impact	ČSN EN 13687-3	Products and systems for the protection and repair of concrete structures	-
2.11.34	Determination of shrinkage and expansion	ČSN EN 12617-4, cl. 6, 7	Products and systems for the protection and repair of concrete structures	-
2.11.35	Determination of compressive strength	ČSN EN 12190	Products and systems for the protection and repair of concrete structures	-
2.11.36	Determination of resistance to capillary absorption	ČSN EN 13057	Products and systems for the protection and repair of concrete structures	-
2.11.37	Measurement of bond strength by pull-off	ČSN EN 1542	Products and systems for the protection and repair of concrete structures	-
2.11.38	Determination of coefficient of thermal expansion	ČSN EN 1770, cl. 4	Products and systems for the protection and repair of concrete structures	-
2.11.39	Determination of setting time	ČSN EN 13294	Products and systems for the protection and repair of concrete structures	-
2.11.40	Determination of wear resistance - Böhme	ČSN EN 13892-3	Screed materials	-
2.11.41	Determination of wear resistance by BCA method	ČSN EN 13892-4	Screed materials	-
2.11.42	Determination of dimensional stability	ČSN EN 13892-9	Screed materials	-
2.11.43	Determination of water absorption coefficient by partial immersion	ČSN EN ISO 15148	Dry hardened mortars	-
<b>2.12</b>	<b>Tanks, reservoirs, septic tanks, water treatment plants</b>			
2.12.1*	Determination of watertightness	ČSN 75 0905	Tanks	-
2.12.2*	Determination of watertightness and nominal dimension	ČSN EN 12566-1, Annex A	Prefabricated septic tanks	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
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Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
2.12.3	Determination of hydraulic efficiency	ČSN EN 12566-1, Annex B	Prefabricated septic tanks	-
<b>2.13</b>	<b>Plastics and composites</b>			
2.13.1	Determination of water absorption	ČSN EN ISO 62	Plastics, composites	-
2.13.2	Determination of tensile properties	ČSN EN ISO 527-1; ČSN EN ISO 527-2; ČSN EN ISO 527-3	Plastics, composites	-
2.13.3	Determination of the effects of immersion in liquid chemicals (including water)	ČSN EN ISO 175	Plastics, composites	-
<b>2.14</b>	<b>Construction cements, fly ash, slags, stabilization of soils, bitumens</b>			
2.14.1	Determination of normal consistency and setting time	ČSN EN 196-3, cl. 1 to 6	Cement	-
2.14.2	Determination of volume stability	ČSN EN 196-3, cl. 7	Cement	-
2.14.3	Determination of strength	ČSN EN 196-1	Cement	-
2.14.4	Determination of bulk density	ČSN EN 459-2, cl. 7.3	Lime	-
<b>2.15</b>	<b>Gypsum and gypsum products, rock gypsum, anhydride, MgO based panels</b>			
2.15.1	Determination of flexural strength	ČSN EN 13279-2, cl. 4.5.4	Gypsum binders and gypsum plasters for interior plastering	-
2.15.2	Determination of compressive strength	ČSN EN 13279-2, cl. 4.5.5	Gypsum binders and gypsum plasters for interior plastering	-
2.15.3	Determination of adhesion	ČSN EN 13279-2, cl. 4.6	Gypsum binders and gypsum plasters for interior plastering	-
2.15.4	Determination of workable life	ČSN EN 13454-2, cl. 5.6	Screeds based on calcium sulfate	-
2.15.5	Determination of compressive strength and flexural strength	ČSN EN 13454-2, cl. 5.4	Screeds based on calcium sulfate	-
2.15.6	Determination of pH colorimetrically	ČSN EN 13454-2, cl. 5.2	Screeds based on calcium sulfate	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
Nemanická 441, 370 10 České Budějovice

Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
2.15.7	Determination of setting time	ČSN EN 13454-2, cl. 5.3	Screeds based on calcium sulfate	-
2.15.8	Determination of shrinkage and expansion	ČSN EN 13454-2, cl. 5.5	Screeds based on calcium sulfate	-
<b>2.16</b>	<b>Cements, adhesives, jointing materials, paints and coatings, surface finishes</b>			
2.16.1*	Determination of adhesion	ČSN 73 2577	Surface finish	-
2.16.2*	Determination of watertightness	ČSN 73 2578	Surface finish	-
2.16.3	Determination of frost resistance	ČSN 73 2579	Surface finish	-
2.16.4	Determination of water vapour transmission properties	ČSN 73 2580	Surface finish	-
2.16.5	Determination of resistance to rapid temperature changes	ČSN 73 2581	Surface finish	-
2.16.6	Determination of resistance to liquids	ČSN EN ISO 2812-1; ČSN EN ISO 2812-2	Surface finish	-
2.16.7	Determination of adhesion by pull-off test	ČSN EN ISO 4624	Surface finish	-
2.16.8	Determination of water vapour transmission rate	ČSN EN ISO 7783; ČSN EN ISO 12572	Surface finish	-
2.16.9	Determination of water permeability	ČSN EN 1062-3	Surface finish	-
2.16.10	Drop weight test	ČSN EN ISO 6272-1	Surface finish	-
2.16.11	Determination of shear strength	ČSN EN 1465	Adhesives	-
2.16.12	Determination of shear strength – shear test	ČSN EN ISO 22632	Adhesives	-
2.16.13	Determination of dimensional variations	ČSN EN ISO 22633	Adhesives	-
2.16.14	Determination of dimensional changes after ageing	ČSN EN ISO 22635	Adhesives	-
2.16.15	Determination of elastic recovery	ČSN EN ISO 7389	Sealants	-
2.16.16	Determination of resistance to flow	ČSN EN ISO 7390	Sealants	-

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2.16.17	Determination of adhesion and cohesion	ČSN EN ISO 9046	Sealants	-
2.16.18	Determination of volume changes	ČSN EN ISO 10563	Sealants	-
2.16.19	Determination of adhesion and cohesion at maintained extension after immersion in water	ČSN EN ISO 10590	Sealants	-
2.16.20	Determination of adhesion and cohesion properties after immersion in water	ČSN EN ISO 10591	Sealants	-
2.16.21	Determination of tensile properties	ČSN EN ISO 8339	Sealants	-
2.16.22	Determination of tensile properties at maintained extension	ČSN EN ISO 8340	Sealants	-
2.16.23	Determination of flexural and compressive strength	ČSN EN 13888-2	Grouts for tiles	-
2.16.24	Determination of shrinkage	ČSN EN 13888-2	Grouts for tiles	-
2.16.25	Determination of water absorption	ČSN EN 13888-2	Grouts for tiles	-
2.16.26	Determination of resistance to peeling	ČSN EN ISO 22631	Adhesives	-
2.16.27	Determination of shear strength	ČSN EN ISO 17178, cl. 4.2, 4.4	Adhesives	-
2.16.28	Determination of tensile strength	ČSN EN ISO 17178, cl. 4.3	Adhesives	-
<b>2.17</b>	<b>Thermal insulation materials and products, thermal tests</b>			
2.17.1*	Determination of length and width	ČSN EN 822:2013; ČSN EN ISO 29465	Thermal insulation materials and products	-
2.17.2*	Determination of thickness	ČSN EN 823:2013; ČSN EN ISO 29466	Thermal insulation materials and products	-
2.17.3*	Determination of squareness	ČSN EN 824	Thermal insulation materials and products	-
2.17.4*	Determination of flatness	ČSN EN 825:2013; ČSN EN ISO 29468	Thermal insulation materials and products	-
2.17.5	Pressure test	ČSN EN 826:2013; ČSN EN ISO 29469	Thermal insulation materials and products	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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**Technický a zkušební ústav stavební Praha, s.p.**  
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2.17.6	Determination of tensile strength perpendicular to faces	ČSN EN 1607	Thermal insulation materials and products	-
2.17.7	Determination of dimensional stability under specified temperature and humidity conditions	ČSN EN 1604	Thermal insulation materials and products	-
2.17.8	Determination of dimensional stability at constant laboratory conditions	ČSN EN 1603	Thermal insulation materials and products	-
2.17.9	Determination of water absorption by partial immersion	ČSN EN ISO 29767; ČSN EN 1609:2013	Thermal insulation materials and products	-
2.17.10	Determination of long term water absorption by immersion	ČSN EN ISO 16535, method 1A, 2A	Thermal insulation materials and products	-
2.17.11	Determination of water vapour transmission rate	ČSN EN 12086	Thermal insulation materials and products	-
2.17.12	Bend test	ČSN EN 12089	Thermal insulation materials and products	-
2.17.13	Determination of mass per unit volume	ČSN EN 1602:2013; ČSN EN ISO 29470	Thermal insulation materials and products	-
2.17.14	Determination of thermal resistance by means of guarded hot plate and heat flow meter methods	ČSN EN 12667	Building materials and products	-
2.17.15	Determination of steady-state thermal transmission properties	ČSN EN ISO 8990	Building materials	-
2.17.16	Determination of steady state thermal resistance and related quantities – Guarded hot plate apparatus method	ISO 8302; ČSN 72 7012-1; ČSN 72 7012-2; ČSN 72 7012-3	Thermal insulation materials and products	-
2.17.17	Determination of behaviour under point load	ČSN EN 12430	Thermal insulation materials and products	-
2.17.18	Determination of shear strength and shear modulus of elasticity	ČSN EN 12090	Thermal insulation materials and products	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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**Technický a zkušební ústav stavební Praha, s.p.**

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2.17.19	Determination of pressure forming	ČSN EN 1606:2013; ČSN EN ISO 16534	Thermal insulation materials and products	-
2.17.20	Determination of setting of blown insulation	ČSN EN 14064-1 ed. 2, Annex J	Thermal insulation materials and products	-
2.17.21	Determination of initial value of thermal conductivity	ČSN EN 14315-1, C.3	PUR foams	-
2.17.22	Determination of thermal conductivity coefficient – accelerated ageing	ČSN EN 14315-1, C.4	PUR foams	-
2.17.23	Determination of thermal conductivity coefficient – fixed increment procedure	ČSN EN 14315-1, C.5	PUR foams	-
2.17.24	Determination of setting of blown insulation	ČSN EN 15101-1+A1, cl. B.1	Thermal insulation materials and products	-
2.17.25	Reaction to fire tests – Single-flame source test	ČSN EN ISO 11925-2	Thermal insulation materials and construction materials	-
2.17.26	Reaction to fire tests – determination of the gross heat of combustion (calorific value)	ČSN EN ISO 1716	Thermal insulation materials and products	-
2.17.27	Determination of thermal resistance by means of guarded hot plate and heat flow meter methods	ČSN EN 12664	Thermal insulation materials	-
2.17.28	Determination of linear dimensions of test specimens	ČSN EN 12085:2013; ČSN EN ISO 29768	Thermal insulation materials and products	-
2.17.29	Determination of deformation under specified compressive load and temperature conditions	ČSN EN 1605	Thermal insulation materials	-
2.17.30	Determination of organic content by gravimetry	ČSN EN 13820	Thermal insulation materials	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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**Technický a zkušební ústav stavební Praha, s.p.**  
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<b>2.18</b>	<b>Thermal insulation systems</b>			
2.18.1	Determination of adhesion to the substrate	EAD 040089-00-0404, cl. 2.2.3.1, 2.2.3.3, 2.2.3.4, 2.2.3.20, 2.2.3.21; EAD 040287-00-0404, cl. 2.2.8; EAD 040287-01-0404, cl. 2.2.11; EAD 040083-00-0404, cl. 2.2.11, 2.2.20; EAD 040083-01-0404, cl. 2.2.10.1, 2.2.10.2, 2.2.10.3; EAD 040465-00-0404, cl. 2.2.3.1, 2.2.3.2, 2.2.3.3	Adhesive and screed materials for ETICS	-
2.18.2	Determination of frost resistance	EAD 040089-00-0404, cl. 2.2.2.3; EAD 040287-00-0404, cl. 2.2.5.2; EAD 040287-01-0404, cl. 2.2.6.2; EAD 040083-00-0404, cl. 2.2.7; EAD 040083-01-0404, cl. 2.2.7; EAD 040465-00-0404, cl. 2.2.2.3	Mortars – ETICS	-
2.18.3	Determination of tensile strength under normal conditions and after artificial ageing	EAD 040089-00-0404, cl. 2.2.3.23, 2.2.3.24, 2.2.3.25; EAD 040287-00-0404, cl. L.9; EAD 040287-01-0404, cl. A.7.4; EAD 040083-00-0404, cl. 2.2.21.1, 2.2.21.2; EAD 040083-01-0404, cl. 2.2.21.1, 2.2.21.2; EAD 040465-00-0404, cl. 2.2.3.12, 2.2.3.13	Mesh – ETICS	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
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2.18.4	Tensile test perpendicular to the faces - in wet conditions	EAD 040089-00-0404, cl. 2.2.3.8 EAD 040287-00-0404, cl. 2.2.9; EAD 040287-01-0404, cl. 2.2.12; EAD 040083-00-0404, cl. 2.2.14.2	Insulant – ETICS	-
2.18.5	Determination of tensile properties	EAD 040089-00-0404, cl. 2.2.3.12; EAD 040083-00-0404, cl. 2.2.17; EAD 040083-01-0404, cl. 2.2.16	Base layer – ETICS	-
2.18.6	Determination of water absorption	EAD 040089-00-0404, cl. 2.2.2.1; EAD 040287-00-0404, cl. 2.2.3; EAD 040287-01-0404, cl. 2.2.4; EAD 090019-00-0404, cl. 2.2.4; EAD 040083-00-0404, cl. 2.2.5.1; EAD 040083-01-0404, cl. 2.2.5.1; EAD 040465-00-0404, cl. 2.2.2.1	ETICS	-
2.18.7	Determination of hard body impact resistance	EAD 040089-00-0404, cl. 2.2.3.19; EAD 040083-00-0404, cl. 2.2.8; EAD 040083-01-0404, cl. 2.2.8	ETICS	-

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Certificate of Accreditation No: 169/2026 of 07/04/2026**

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2.18.8	Determination of the pull-through resistance of anchors through insulation	EAD 040089-00-0404, cl. 2.2.3.6.1; EAD 040287-00-0404, cl. 2.2.12; EAD 040287-01-0404, cl. 2.2.15; EAD 040083-00-0404, cl. 2.2.13.1; EAD 040083-01-0404, cl. 2.2.12.1; EAD 040465-00-0404, cl. 2.2.3.5.1	ETICS	-
2.18.9	Determination of the pull-through resistance of anchors through insulation (Static foam block test)	EAD 040089-00-0404, cl. 2.2.3.6.2; EAD 040287-00-0404, cl. 2.2.13; EAD 040287-01-0404, cl. 2.2.16; EAD 040083-00-0404, cl. 2.2.13.2; EAD 040083-01-0404, cl. 2.2.12.2; EAD 040465-00-0404, cl. 2.2.3.5.2	ETICS	-
2.18.10	Determination of mass per unit volume	EAD 040287-00-0404, cl. L.1.1; EAD 040287-01-0404, cl. A.5.1; EAD 040083-00-0404, cl. A.6.1; EAD 040083-01-0404, cl. 3.4.1.1, 3.4.1.2	Adhesive and screed materials, plasters and liquids – ETICS	-
2.18.11	Determination of dry matter by gravimetry	EAD 040287-00-0404, cl. L.3; EAD 040287-01-0404, cl. A.5.5; EAD 040083-00-0404, cl. A.6.5; EAD 040083-01-0404, cl. A.6.1	Pastes and liquids – ETICS	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
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Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
2.18.12	Determination of ash content by gravimetry	EAD 040287-00-0404, cl. L.4.1; EAD 040287-01-0404, cl. A.5.6; EAD 040083-00-0404, cl. A.6.6; EAD 040083-01-0404, cl. A.6.2	Adhesive and screed materials, plasters and liquids – ETICS	-
2.18.13	Determination of water retention capability	EAD 040083-00-0404, cl. A.6.7	Fresh mortar – ETICS	-
2.18.14	Determination of mass per unit volume	EAD 040287-00-0404, cl. L.1.2; EAD 040287-01-0404, cl. A.5.2; EAD 040083-00-0404, cl. A.6.2; EAD 040083-01-0404, cl. 3.4.1.1	Fresh mortar – ETICS	-
2.18.15	Determination of shrinkage of screed	EAD 040287-00-0404, cl. L.6; EAD 040287-01-0404, cl. A.5.8.2; EAD 040083-00-0404, cl. A.6.8.2	Base layer – ETICS	-
2.18.16	Determination of static modulus of elasticity, tensile strength and elongation at break	EAD 040089-00-0404, cl. 2.2.3.16; EAD 040287-00-0404, cl. L.5.2; EAD 040287-01-0404, cl. A.5.8; EAD 040083-00-0404, cl. A.6.8.3	Base layer – ETICS	-
2.18.17	Determination of mass per unit area	EAD 040287-00-0404, cl. L.7; EAD 040287-01-0404, cl. A.7.2; EAD 040083-00-0404, cl. A.8.2; EAD 040083-01-0404, cl. 3.4.3.1	Reinforcement mesh – ETICS	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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**Technický a zkušební ústav stavební Praha, s.p.**

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2.18.18	Determination of ash content by gravimetry	EAD 040287-00-0404, cl. L.4.2; EAD 040287-01-0404, cl. A.7.1; EAD 040083-00-0404, cl. A.8.1; EAD 040083-01-0404, cl. A.6.2	Reinforcement mesh – ETICS	-
2.18.19	Determination of mesh size and number of fibres	EAD 040287-00-0404, cl. L.8; EAD 040287-01-0404, cl. A.7.3; EAD 040083-00-0404, cl. A.8.3; EAD 040083-01-0404, cl. 3.4.3.2	Reinforcement mesh – ETICS	-
2.18.20	Determination of mass per unit volume	EAD 040287-00-0404, cl. L.1.3; EAD 040287-01-0404, cl. A.5.3; EAD 040083-00-0404, cl. A.6.3; EAD 040083-01-0404, cl. 3.4.1.2	Base layer, dry hardened mortar – ETICS	-
2.18.21	Determination of grain size	EAD 040287-00-0404, cl. L.2; EAD 040287-01-0404, cl. A.5.4; EAD 040083-00-0404, cl. A.6.4; EAD 040083-01-0404, cl. 3.4.1.3	Pastes, powders – ETICS	-
2.18.22	Determination of bracket resistance to vertical load (dead weight) and horizontal load (wind suction)	EAD 090062-01-0404, Annex L	Ventilated façades	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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2.18.23	Determination of hygrothermal behaviour	EAD 040089-00-0404, cl. 2.2.2.2; EAD 040287-00-0404, cl. 2.2.5.1; EAD 040287-01-0404, cl. 2.2.6.1; EAD 040083-00-0404, cl. 2.2.6; EAD 040083-01-0404, cl. 2.2.6; EAD 040465-00-0404, cl. 2.2.2.2.2	ETICS	-
2.18.24	Determination of density, non-stick time, cutting time,	EAD 040089-00-0404, cl. 3.4.2	Foam adhesives for ETICS	-
2.18.25	Determination of adhesion, shear strength and shear modulus of elasticity	EAD 040089-00-0404, cl. 2.2.3.4, 2.2.3.17; EOTA TR 46, cl. 4.1, 4.3	Foam adhesives for ETICS	-
2.18.26	Determination of behaviour after expansion	EAD 040089-00-0404, cl. 2.2.3.18; EOTA TR 46, cl. 4.2	Foam adhesives for ETICS	-
2.18.27	Determination of pull-out resistance of a fixing through a cladding element	EAD 090062-01-0404, Annex I.1	Ventilated façades	-
2.18.28	Determination of pull-through resistance of a fixing under shear load	EAD 090062-01-0404, Annex I.2	Ventilated façades	-
2.18.29	Determination of pull-out resistance of a fixing under tensile load	EAD 090062-01-0404, Annex I.1	Ventilated façades	-
2.18.30	Determination of pull-out resistance of a fixing under shear load	EAD 090062-01-0404, Annex I.2	Ventilated façades	-
2.18.31	Determination of pull-out resistance of a fixing through a cladding element under combined tensile and shear loads	EAD 090062-01-0404, Annex I.3	Ventilated façades	-
2.18.32	Determination of break resistance of a grooved cladding element	EAD 090062-01-0404, Annex H.1	Ventilated façades	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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2.18.33	Determination of resistance to vertical load	EAD 090062-01-0404, Annex J.1	Ventilated façades	-
2.18.34	Determination of pull-through resistance of a fixing through a profile	EAD 090062-01-0404, Annex J.2	Ventilated façades	-
2.18.35	Determination of pull-through resistance of a fixing through a metal clip	EAD 090062-01-0404, Annex J.2	Ventilated façades	-
2.18.36	Determination of metal clip break resistance	EAD 090062-01-0404, Annex J.3	Ventilated façades	-
2.18.37	Determination of suspended kit break resistance	EAD 090062-01-0404, Annex I.4	Ventilated façades	-
2.18.38	Determination of hard body impact resistance	EAD 090062-01-0404, Annex G; EAD 040287-00-0404, cl. 2.2.7; EAD 040287-01-0404, cl. 2.2.10; EAD 090019-00-0404, cl. 2.2.7	Ventilated façades	-
2.18.39	Determination of soft body impact resistance	EAD 040089-00-0404, cl. 2.2.3.6.4; EAD 090062-01-0404, Annex G; EAD 040287-00-0404, cl. 2.2.7; EAD 040287-01-0404, cl. 2.2.10; EAD 090019-00-0404, cl. 2.2.7	Ventilated façades	-
2.18.40	Determination of resistance to hygrothermal action	EAD 090062-01-0404, Annex M.1	Ventilated façades	-
2.18.41	Determination of pull-through resistance of fixings from profiles	EAD 040089-00-0404, cl. 2.2.3.13; EAD 090019-00-0404, Annex H; EAD 040083-00-0404, cl. 2.2.16; EAD 040083-01-0404, cl. 2.2.15	ETICS	-

**The Appendix is an integral part of  
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**Technický a zkušební ústav stavební Praha, s.p.**

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Nemanická 441, 370 10 České Budějovice

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2.18.42	Determination of moisture content and moisture gradient by gravimetry	EAD 040089-00-0404, cl. 2.2.2.4	ETICS on timber frame	-
2.18.43	Determination of adhesion of adhesive and base plate	EAD 040089-00-0404, cl. 2.2.3.2	ETICS on timber frame	-
2.18.44	Determination of the pull-through resistance of anchors through insulation products	ČSN EN 16382	ETICS	-
2.18.45	Determination of thermal-humidity behaviour	ČSN EN 16383	ETICS	-
2.18.46	Determination of impact resistance	ČSN EN 134971+A1	ETICS	-
2.18.47	Determination of the pull-off resistance by foam block test	ČSN EN 13495	ETICS	-
2.18.48	Determination of the tensile bond strength of the adhesive and of the base coat to the thermal insulation material	ČSN EN 13494	ETICS	-
<b>2.19</b>	<b>Loading tests of bridges, building structure and floors</b>			
2.19.1*	Loading tests	ČSN 73 6209	Bridges, bridge structures	-
2.19.2*	Static loading tests	ČSN 73 2030, Annex A, B, C	Building structures and their parts	-
<b>2.20</b>	<b>Masonry, hardware, partition walls, ceilings, floors</b>			
2.20.1	Determination of initial shear strength	ČSN EN 1052-3	Masonry	-
2.20.2*	Determination of flexural resistance and shear resistance	ČSN EN 846-9 ed. 2	Ancillary components for masonry, lintels	-
2.20.3*	Determination of dimensions and bow	ČSN EN 846-11	Ancillary components for masonry, lintels	-
<b>2.21</b>	<b>Masonry units, permanent formwork, ceiling elements, burnt and concrete roofing</b>			
2.21.1	Determination of dimensions	ČSN EN 772-16	Masonry units	-
2.21.2	Determination of compression strength, flexural strength and load capacity	ČSN 72 2605	Masonry materials, burnt roofing	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
Nemanická 441, 370 10 České Budějovice

<b>Ordinal number<sup>1</sup></b>	<b>Test procedure / method name</b>	<b>Test procedure / method identification<sup>2</sup></b>	<b>Tested subject</b>	<b>Degrees of freedom<sup>3</sup></b>
2.21.3	Determination of frost resistance	ČSN 72 2601	Brick products	-
2.21.4	Determination of dimensional tolerances and mass	ČSN EN 491, cl. 5.2, 5.5	Concrete roofing tiles	-
2.21.5	Determination of percentage area of voids (by paper indentation)	ČSN EN 772-2	Concrete masonry units	-
2.21.6	Determination of water absorption by boiling in water	ČSN EN 772-7	Burnt masonry elements for damp proof course units	-
2.21.7	Determination of water absorption due to capillary action and the initial rate of water absorption	ČSN EN 772-11	Concrete masonry units and masonry units	-
2.21.8	Determination of net volume and percentage of voids by hydrostatic weighing	ČSN EN 772-3	Masonry units	-
2.21.9	Determination of mass per unit volume	ČSN EN 772-13	Masonry units	-
2.21.10	Determination of moisture movement	ČSN EN 772-14	Masonry units	-
2.21.11	Determination of strength	ČSN EN 15435	Precast concrete products	-
2.21.12	Determination of mass, bulk density and water absorption	ČSN 72 2603	Brick products	-
2.21.13	Determination of susceptibility to efflorescence	ČSN 72 2608	Brick products	-
2.21.14	Determination of flatness of faces	ČSN EN 772-20	Masonry units	-
2.21.15*	Determination of appearance and dimensions	ČSN 72 2602	Brick products	-
2.21.16	Determination of presence of lime nodules	ČSN 72 2607	Brick products	-
2.21.17	Determination of compressive strength	ČSN EN 772-1+A1	Masonry units	-
2.21.18	Determination of water permeability	ČSN EN 491, cl. 5.7	Concrete roofing tiles	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
Nemanická 441, 370 10 České Budějovice

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2.21.19	Determination of mechanical resistance (transverse load bearing capacity)	ČSN EN 491, cl. 5.6	Concrete roofing tiles	-
2.21.20	Determination of frost resistance	ČSN EN 491, cl. 5.8	Concrete roofing tiles	-

<sup>1</sup> asterisk at the ordinal number identifies the tests, which the laboratory is qualified to carry out outside the permanent laboratory premises

<sup>2</sup> 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 valid edition of the specified procedure is used (including any changes)

<sup>3</sup> the laboratory does not apply a flexible approach to the scope of accreditation.

**Sampling:**

<b>Ordinal number</b>	<b>Sampling procedure name</b>	<b>Sampling procedure identification<sup>1</sup></b>	<b>Subject of sampling</b>
2.1	Fresh concrete sampling	ČSN EN 12350-1	Fresh concrete
2.2	Hardened concrete sampling	ČSN EN 12504-1, cl. 6	Hardened concrete
2.3	Aggregate sampling	ČSN EN 932-1	Aggregates

<sup>1</sup> if the document identifying the sampling procedure is dated, only these specific procedures are used. If the document identifying the sampling procedure is not dated, the latest valid edition of the specified procedure is used (including any changes)

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**  
CAB number 1018.3, Central Laboratory  
Nemanická 441, 370 10 České Budějovice

**3. Testing Laboratory in Plzeň (0300)**

**Tests:**

Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
<b>3.1</b>	<b>Concrete, admixtures and fibres for concrete</b>			
3.1.1*	Slump test	ČSN EN 12350-2	Fresh concrete	-
3.1.2	Determination of degree of compactability	ČSN EN 12350-4	Fresh concrete	-
3.1.3*	Flow table test	ČSN EN 12350-5	Fresh concrete	-
3.1.4*	Determination of air content by pressure method	ČSN EN 12350-7, cl. 6	Fresh concrete	-
3.1.5	Determination of suitability – initial assessment, humic substances	ČSN EN 1008, cl. 6.1.1, 6.1.2	Concrete mixing water	-
3.1.6	Determination of pH by potentiometry	ČSN ISO 10523	Concrete mixing water	-
3.1.7	Frost resistance test	ČSN 73 1322	Hardened concrete	-
3.1.8	Determination of resistance to water and chemical de-icing agents	ČSN 73 1326, method A, C	Hardened concrete	-
3.1.9*	Testing of shapes and dimensions	ČSN EN 12390-1	Hardened concrete	-
3.1.10*	Determination of compressive strength of concrete, including the manufacture and treatment of test specimens	ČSN EN 12390-2; ČSN EN 12390-3; ČSN EN 12504-1, except cl. 6	Hardened concrete	-
3.1.11	Determination of compressive strength of test specimens	ČSN EN 12390-3	Hardened concrete	-
3.1.12	Determination of flexural strength of test specimens	ČSN EN 12390-5	Hardened concrete	-
3.1.13	Determination of the indirect tensile strength of test specimens	ČSN EN 12390-6	Hardened concrete	-
3.1.14	Determination of mass per unit volume	ČSN EN 12390-7	Hardened concrete	-
3.1.15	Determination of depth of penetration of water under pressure	ČSN EN 12390-8	Hardened concrete	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
Nemanická 441, 370 10 České Budějovice

<b>Ordinal number<sup>1</sup></b>	<b>Test procedure / method name</b>	<b>Test procedure / method identification<sup>2</sup></b>	<b>Tested subject</b>	<b>Degrees of freedom<sup>3</sup></b>
3.1.16	Determination of resistance to water and chemical de-icing agents	IP 0340T068	Hardened concrete	-
3.1.17	Determination of compressive strength (samples of the structure)	IP 0600T013 (ČSN EN 12390-3)	Hardened concrete	-
3.1.18*	Determination of compressive strength	ČSN EN 12504-1, except cl. 6	Hardened concrete	-
3.1.19*	Determination of rebound number by hardness drop tester	ČSN EN 12504-2	Hardened concrete	-
3.1.20*	Test of compressive strength by hardness testing methods (Schmidt N. L.)	ČSN 73 1373	Hardened concrete	-
3.1.21	Determination of solids content by gravimetry	ČSN EN 480-8	Concrete and mortar additives	-
3.1.22	Determination of water-soluble chloride content by potentiometric titration	ČSN EN 480-10	Concrete and mortar additives	-
3.1.23	Determination of alkali content (Na <sup>+</sup> , K <sup>+</sup> and their sum) by FAAS method	ČSN EN 480-12	Concrete and mortar additives	-
3.1.24	Determination of dry bulk density	ČSN EN 678	Autoclaved concrete	-
3.1.25	Determination of compression strength, flexural strength and concentric compressive strength	ČSN EN 679	Aerated concrete	-
3.1.26	Determination of flexural strength during drying	ČSN EN 1351, cl. 5 to 7	Autoclaved aerated concrete	-
3.1.27	Determination of moisture content	ČSN EN 1353, cl. 5 to 7	Autoclaved aerated concrete	-
<b>3.2</b>	<b>Small concrete products</b>			
3.2.1*	Determination of dimensions	ČSN EN 1338, Annex C; ČSN EN 1339, Annex C; ČSN EN 1340, Annex C	Concrete products	-
3.2.2	Determination of total water absorption	ČSN EN 1338, Annex E; ČSN EN 1339, Annex E; ČSN EN 1340, Annex E	Concrete products	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
Nemanická 441, 370 10 České Budějovice

Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
3.2.3	Determination of the indirect tensile strength	ČSN EN 1338, Annex F; ČSN EN 3339, Annex F; ČSN EN 1340, Annex F	Concrete products	-
3.2.4	Determination of abrasiveness – Böhme	ČSN EN 1338, Annex H; ČSN EN 1339, Annex H; ČSN EN 1340, Annex H; ČSN EN 13748-1, cl. 5.6.2; ČSN EN 13748-2, cl. 5.6.2	Concrete products	-
3.2.5	Determination of resistance to freezing/thawing	ČSN EN 1338, Annex D; ČSN EN 1339, Annex D; ČSN EN 1340, Annex D	Concrete products	-
3.2.6	Determination of dimensions	ČSN EN 13748-1, cl. 5.2, 5.3, 5.4	Concrete products	-
3.2.7	Determination of bending strength and fracture load	ČSN EN 13748-1, cl. 5.5; ČSN EN 13748-2, cl. 5.5	Concrete products	-
3.2.8	Determination of water absorption	ČSN EN 13748-1, cl. 5.8	Concrete products	-
3.2.9	Determination of dimensions	ČSN EN 13748-2, cl. 5.2, 5.3, 5.4	Concrete products	-
<b>3.3</b>	<b>Concrete building components and structures</b>			
3.3.1*	Determination of shapes, dimensions and appearance	ČSN 73 0212-5	Building components	-
3.3.2*	Determination of dimensions, shapes, top layer of reinforcement, crack width	ČSN EN 13369, Annex H; ČSN EN 13369:2013, Annex J	Concrete components	-
3.3.3	Determination of water absorption	ČSN EN 13369, Annex F; ČSN EN 13369:2013, Annex G	Concrete components	-
3.3.4*	Determination of dimensions	ČSN EN 991	Lightweight and aerated concrete components	-
3.3.5	Tests of strength and load bearing capacity	ČSN EN 1916, Annex C	Concrete pipes	-
3.3.6	Tests of strength and load bearing capacity	ČSN EN 1917, except chap. B	Concrete manholes	-
3.3.7	Test of corrosion protection of reinforcement	ČSN EN 990	Lightweight and aerated concrete components (reinforced)	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
Nemanická 441, 370 10 České Budějovice

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3.3.8	Determination of impact strength	ČSN 73 2035	Building components	-
3.3.9	Determination of mass	ČSN 73 2045	Building components	-
3.3.10	Determination of dimensional characteristics	ČSN EN 639	Concrete pipes	-
3.3.11	Leakage tests	ČSN EN 1916, Annex E	Concrete pipes	-
3.3.12	Determination of watertightness	ČSN EN 1917, Annex C	Concrete manholes	-
<b>3.4</b>	<b>Chemical analyses of silicate and building products</b>			
3.4.1	Determination of the loss of mass by drying by gravimetry	ČSN 72 0102	Silicate materials	-
3.4.2	Determination of loss on ignition by gravimetry	ČSN 72 0103	Silicate materials	-
3.4.3	Determination of silicon dioxide by defumigation with hydrofluoric acid by gravimetric method	ČSN 72 0105-2	Silicate materials SiO <sub>2</sub> > 98%	-
3.4.4	Determination of sulphate sulphur by gravimetry	ČSN 72 0117	Silicate materials SO <sub>3</sub> 0 to 10%	-
3.4.5	Determination of total sulphur by gravimetry	ČSN 72 0118	Silicate materials S 0 to 10%	-
<b>3.5</b>	<b>Stone, aggregates, inactive concrete admixtures, soils</b>			
3.5.1	Determination of resistance to freezing/thawing	ČSN EN 1367-1	Aggregates	-
3.5.2	Determination of various aggregate particles	ČSN 72 1180	Aggregates	-
3.5.3	Determination of particle size distribution – sieving analysis	ČSN EN 933-1	Aggregates	-
3.5.4	Determination of particle shape – shape index	ČSN EN 933-4	Aggregates	-
3.5.5	Determination of percentage of crushed particles	ČSN EN 933-5	Coarse aggregates	-
3.5.6	Determination of fine particle quality – sand equivalent test	ČSN EN 933-8+A1	Aggregates	-
3.5.7	Test of grading of filler aggregates – air-jet sieving	ČSN EN 933-10	Aggregates	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
Nemanická 441, 370 10 České Budějovice

<b>Ordinal number<sup>1</sup></b>	<b>Test procedure / method name</b>	<b>Test procedure / method identification<sup>2</sup></b>	<b>Tested subject</b>	<b>Degrees of freedom<sup>3</sup></b>
3.5.8	Classification of constituents	ČSN EN 933-11	Coarse recycled aggregates	-
3.5.9	Determination of resistance to fragmentation	ČSN EN 1097-2	Aggregates	-
3.5.10	Determination of loose bulk density and voids	ČSN EN 1097-3	Aggregates	-
3.5.11	Determination of the water content by drying in a ventilated oven	ČSN EN 1097-5	Aggregates	-
3.5.12	Determination of particle density and water absorption	ČSN EN 1097-6	Aggregates	-
3.5.13	Determination of particle density and water absorption	ČSN EN 1097-7	Aggregates	-
3.5.14	Determination of resistance by magnesium sulphate	ČSN EN 1367-2	Aggregates	-
3.5.15	Determination of thermal and weathering properties – boiling test	ČSN EN 1367-3	Aggregates	-
3.5.16	Determination of water-soluble chloride salts by Volhard method	ČSN EN 1744-1+A1, cl. 7	Aggregates	-
3.5.17	Determination of total sulphur content by gravimetry	ČSN EN 1744-1+A1, cl. 11.1	Aggregates	-
3.5.18	Determination of acid-soluble sulphate by gravimetry	ČSN EN 1744-1+A1, cl. 12	Aggregates	-
3.5.19	Determination of light particulate pollutants by gravimetry	ČSN EN 1744-1+A1, cl. 14.2	Aggregates	-
3.5.20	Determination of potential content of humus particles by colorimetry	ČSN EN 1744-1+A1, cl. 15.1	Aggregates	-
3.5.21	Determination of durability by accelerated test with sodium sulphate	ČSN 72 1176, cl. 7 to 16	Aggregates	-
3.5.22	Determination of resistance to fragmentation	ČSN EN 13450, Annex C	Aggregates	-
3.5.23	Determination of resistance to freezing/thawing	ČSN EN 13450, Annex F	Aggregates	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
Nemanická 441, 370 10 České Budějovice

Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
3.5.24	Determination of resistance to magnesium sulphate	ČSN EN 13450, Annex G	Aggregates	-
3.5.25	Determination of resistance to fragmentation	OTP ČD 58979/04-013	Aggregates	-
3.5.26	Determination of compression resistance	ČSN EN 13055, Annex C	Lightweight aggregates	-
3.5.27	Determination of relative density of non-cohesive soils	ČSN 72 1018	Soils and backfills	-
3.5.28	Determination of the sum of organic substances by titration	ČSN 72 1021	Soils and backfills	-
3.5.29	Determination of compressive strength	ČSN EN 1926	Stone	-
3.5.30	Determination of real density and apparent density and of total and open porosity	ČSN EN 1936	Stone	-
3.5.31	Determination of grain size	ČSN EN ISO 17892-4	Soils and backfills	-
3.5.32	Determination of moisture content by gravimetry	ČSN EN ISO 17892-1	Soils and backfills	-
3.5.33	Determination of resistance to freezing/thawing	ČSN EN 1367-7	Lightweight aggregates	-
<b>3.6</b>	<b>Metallic materials and parts in construction</b>			
3.6.1	Tensile test	ČSN EN ISO 6892-1; ČSN EN ISO 15630-1, cl. 5; ČSN EN ISO 15630-2, cl. 5	Metallic products	-
3.6.2	Bending test	ČSN EN ISO 7438; ČSN EN ISO 15630-1, cl. 6; ČSN EN ISO 15630-2, cl. 6	Metallic products	-
3.6.3	Test of steel weldability – shear strength	ČSN EN ISO 15630-2, cl. 7	Metallic products	-
<b>3.7</b>	<b>Chimneys, chimney sheaths and flues, refractory materials and products, ceramic raw materials</b>			
3.7.1	Determination of pH by potentiometry	ČSN 72 1070	Ceramic raw materials	-
3.7.2	Determination of moisture content by gravimetry	ČSN 72 1080	Ceramic raw materials	-
3.7.3	Determination of whiteness photometrically	ČSN 72 1089	Ceramic raw materials	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
Nemanická 441, 370 10 České Budějovice

<b>Ordinal number<sup>1</sup></b>	<b>Test procedure / method name</b>	<b>Test procedure / method identification<sup>2</sup></b>	<b>Tested subject</b>	<b>Degrees of freedom<sup>3</sup></b>
3.7.4	Determination of abrasiveness by gravimetry	ČSN 72 1090	Ceramic raw materials	-
3.7.5	Determination of thermal expansion	ČSN 72 6031	Ceramic raw materials	-
3.7.6	Determination of adhesiveness, length changes, amount of forming water	ČSN 72 6100	Refractory materials and products	-
3.7.7	Determination of porosity and bulk density	ČSN EN 993-1	Refractory materials and products	-
3.7.8	Determination of density	ČSN EN 993-2	Refractory materials and unshaped products	-
3.7.9	Testing of carbon-containing refractories	ČSN EN 993-3, except cl. 7.3.1	Refractory materials and products	-
3.7.10	Determination of permeability to gases	ČSN EN 993-4	Refractory materials and products	-
3.7.11	Determination of compressive strength	ČSN EN 993-5	Refractory materials and products	-
3.7.12	Determination of bending strength	ČSN EN 993-6	Refractory materials and products	-
3.7.13	Determination of modulus of rupture at elevated temperatures	ČSN EN 993-7	Refractory materials and products	-
3.7.14	Determination of creep in compression	ČSN EN 993-9	Refractory materials and products	-
3.7.15	Determination of permanent change in dimensions on heating	ČSN EN 993-10	Refractory materials and products	-
3.7.16	Determination of resistance to temperature changes	ČSN EN 993-11, cl. 4.1	Refractory materials and products	-
3.7.17	Determination of refractoriness	ČSN EN 993-12	Refractory materials and products	-
3.7.18	Determination of thermal conductivity – hot-wire (parallel) method	ČSN EN 993-15	Refractory materials and products	-
3.7.19	Determination of resistance to sulphuric acid	ČSN EN 993-16	Refractory materials and products	-
3.7.20	Determination of bulk density of granular materials	ČSN EN 993-18	Refractory materials and products	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
Nemanická 441, 370 10 České Budějovice

<b>Ordinal number<sup>1</sup></b>	<b>Test procedure / method name</b>	<b>Test procedure / method identification<sup>2</sup></b>	<b>Tested subject</b>	<b>Degrees of freedom<sup>3</sup></b>
3.7.21	Determination of thermal expansion	ČSN EN 993-19	Refractory materials and products	-
3.7.22	Determination of: - thickness - bulk density - reversible deformations - permanent length changes in heat and classification temperature - tensile strength - water and org. compound content	ČSN EN 1094-1	Refractory materials and products	-
3.7.23	Determination of porosity and bulk density	ČSN EN 1094-4	Refractory materials and products	-
3.7.24	Determination of permanent change in dimensions on heating	ČSN EN 1094-6	Refractory materials and products	-
3.7.25	Determination of: - dimensions - compressive strength (load) - corrosion resistance - water absorption - bulk density	ČSN EN 1457-1 except cl. 16.8, 16.12	Flue liners operating under dry conditions	-
3.7.26	Determination of: - dimensions - compressive strength (load) - corrosion resistance - water absorption - bulk density - water vapour diffusion	ČSN EN 1457-2 except cl. 16.8, 16.12	Flue liners operating under wet conditions	-
3.7.27	Determination of refractoriness under load	ČSN EN ISO 1893	Refractory materials and products	-
3.7.28	Determination of classification temperature	ČSN EN ISO 1927-1	Refractory materials and unshaped products	-
3.7.29	Determination of: - particle size distribution - humidity	ČSN EN ISO 1927-3	Refractory materials and unshaped products	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
Nemanická 441, 370 10 České Budějovice

Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
	- workability index			
3.7.30	Determination of consistency, workable life	ČSN EN ISO 1927-4	Refractory materials and unshaped products	-
3.7.31	Determination of: - bulk density - density and porosity - flexural strength - compressive strength - permanent length changes - load capacity in heat - creep in pressure	ČSN EN ISO 1927-6	Refractory materials and unshaped products	-
3.7.32	Determination of: - dimensions - visual defects - humidity - annealing losses - speed of ultrasound propagation	ČSN EN ISO 1927-7, except cl. 7.2.1; 7.2.2	Refractory materials and unshaped products	-
3.7.33	Determination of: - resistance to sudden changes in temperature - thermal conductivity - resistance to sulphuric acid - weight loss by carbonization - residual carbon content - carbon yield - abrasion	ČSN EN ISO 1927-8	Refractory materials and unshaped products	-
3.7.34	Determination of thermal conductivity – by hot-wire method – cross array	ČSN EN ISO 8894-1	Refractory materials and products	-
3.7.35	Determination of compressive strength	ČSN EN ISO 8895	Refractory materials and products	-
3.7.36	Determination of MnO, CaO, Cr <sub>2</sub> O <sub>3</sub> , Na <sub>2</sub> O, K <sub>2</sub> O by FAAS method	ČSN EN ISO 10058-3, chap. 4	Refractory magnesium and dolomite materials and products	-
3.7.37	Measurement of dimensions	ČSN ISO 12678-1	Refractory materials and products	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
Nemanická 441, 370 10 České Budějovice

Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
3.7.38	Measurement of dimensions and external defects	ČSN ISO 12678-2	Refractory materials and products	-
3.7.39	Determination of melt corrosion	ČSN P CEN/TS 15418, Procedure A	Refractory materials and products	-
3.7.40	Determination of resistance to abrasion	ČSN EN ISO 16282	Refractory materials and products	-
3.7.41	Determination of MnO, CaO, Cr <sub>2</sub> O <sub>3</sub> , Na <sub>2</sub> O, K <sub>2</sub> O by FAAS method	ČSN EN ISO 20565-3, chap. 4	Refractory chromium materials and products	-
3.7.42	Determination of C, SiC by gravimetry	ČSN EN ISO 21068-2, chap. 4, 5, 6, 7	Refractory materials and products containing silicon carbide	-
3.7.43	Determination of SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , TiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, Na <sub>2</sub> O, K <sub>2</sub> O, Cr <sub>2</sub> O <sub>3</sub> , ZrO <sub>2</sub> by FAAS method	ČSN EN ISO 21068-3, cl. 7.3, 8.5	Refractory materials and products containing silicon carbide	-
3.7.44	Determination of CaO, MgO, Na <sub>2</sub> O, K <sub>2</sub> O, Cr <sub>2</sub> O <sub>3</sub> by FAAS method	ČSN EN ISO 21079-3, chap. 4	Refractory materials and products containing zirconium dioxide	-
3.7.45	Determination of phosphorus oxide photometrically	ČSN EN ISO 21587-2, chap. 14	Refractory aluminosilicate materials and products	-
3.7.46	Determination of SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , TiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, Na <sub>2</sub> O, K <sub>2</sub> O, ZrO <sub>2</sub> , Cr <sub>2</sub> O <sub>3</sub> , MnO by FAAS method	ČSN EN ISO 21587-3, chap. 14 to 19, Annex NA	Refractory aluminosilicate materials and products	-
3.7.47	Determination of refractoriness under load	DIN 51064	Refractory materials and products	-
3.7.48	Determination of resistance to temperature changes	DIN 51068-1	Refractory materials and products	-
<b>3.8</b>	<b>Mortars, mortar mixtures, renovation materials, screeds</b>			
3.8.1	Frost resistance test	ČSN 72 2452	Mortars	-
3.8.2	Determination of consistence by flow table	ČSN EN 1015-3	Fresh mortar	-
3.8.3	Determination of mass per unit volume	ČSN EN 1015-6	Fresh mortar	-
3.8.4	Determination of mass per unit volume	ČSN EN 1015-10	Hardened mortars	-
3.8.5	Test of compressive strength	ČSN EN 13892-2, cl. 6.2	Screed materials	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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3.8.6	Test of flexural strength	ČSN EN 1015-11, cl. 8	Hardened mortars	-
3.8.7	Test of flexural strength	ČSN EN 13892-2, cl. 6.1	Screed materials	-
3.8.8	Determination of adhesion	ČSN EN 12004-2, cl. 8.3	Cement mortars and adhesives	-
3.8.9	Determination of capillary water absorption coefficient	ČSN EN 1015-18	Hardened mortars	-
3.8.10	Measurement of bond strength by shear test	ČSN EN 12004-2, cl. 8.4	Mortars and dispersion adhesives	-
3.8.11	Measurement of bond strength by shear test	ČSN EN 12004-2, cl. 8.5	Mortars and adhesives based on reactive resins	-
3.8.12	Determination of abrasion resistance (Böhme)	ČSN EN 13892-3	Screed materials	-
<b>3.9</b>	<b>Draining elements</b>			
3.9.1	Load test	ČSN EN 1433, cl. 9.1	Drainage channels for vehicular and pedestrian areas	-
3.9.2	Determination of dimensions and shape	ČSN EN 1433, cl. 9.3	Drainage channels for vehicular and pedestrian areas	-
3.9.3	Determination of dimensions, shape	ČSN EN 124-1, cl. 8.4	Gully tops and manhole tops	-
3.9.4*	Determination of load-bearing capacity	ČSN EN 124-1, Annex B	Gully tops and manhole tops	-
3.9.5	Determination of permanent set	ČSN EN 124-1, Annex A	Gully tops and manhole tops	-
3.9.6	Determination of tilt height	ČSN EN 124-1, Annex D	Gully tops and manhole tops	-
3.9.7	Determination of vertical pull-out force and vertical movement of fixings	ČSN EN 124-1, Annex E	Gully tops and manhole tops	-
3.9.8	Determination of deflection under load	ČSN EN 124-3, Annex A; ČSN EN 124-5, Annex A	Gully tops and manhole tops	-
<b>3.10</b>	<b>Construction cements, fly ash, slags, stabilization of soils, bitumens</b>			
3.10.1	Determination of fineness of grinding, specific surface and density	ČSN EN 196-6	Cement, masonry cement	-
3.10.2	Determination of the loss on ignition by gravimetry	ČSN EN 196-2, cl. 4.4.1	Cement, masonry cement	-
3.10.3	Determination of the content of sulphate by gravimetry	ČSN EN 196-2, cl. 4.4.2	Cement, masonry cement	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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3.10.4	Determination of chlorides by titration	ČSN EN 196-2, cl. 4.5.16	Cement, masonry cement	-
3.10.5	Determination of efficiency index	ČSN EN 450-1, cl. 3.5, 5.3.2	Ash, cinder, slag and other silicate materials	-
<b>3.11</b>	<b>Construction and sanitary ceramics</b>			
3.11.1	Determination of dimensions	ČSN 72 4710, cl. 5.1	Building ceramics	-
3.11.2	Determination of squareness and angles	ČSN 72 4710, cl. 5.2	Building ceramics	-
3.11.3	Determination of straightness and curvature	ČSN 72 4710, cl. 5.3	Building ceramics	-
3.11.4	Determination of surface quality	ČSN 72 4710, cl. 5.4	Building ceramics	-
3.11.5	Determination of impact strength	ČSN 72 4710, cl. 5.7	Building ceramics	-
3.11.6	Determination of resistance to temperature changes	ČSN 72 4710, cl. 5.9	Building ceramics	-
3.11.7	Determination of dimensions, shapes and appearance	ČSN 72 4841, cl. 3, 5	Sanitary ceramics	-
3.11.8	Determination of density criteria – absorption power, bulk density, porosity	ČSN 72 4841, cl. 6	Sanitary ceramics	-
3.11.9	Determination of glaze chemical resistance	ČSN 72 4841, cl. 7	Sanitary ceramics	-
3.11.10	Determination of thermal resistance	ČSN 72 4841, cl. 8	Sanitary ceramics	-
3.11.11	Determination of strength and strength characteristics	ČSN 72 4841, cl. 9	Sanitary ceramics	-
3.11.12	Determination of functional properties – flushing, odour trap function, water flow through the overflow channel	ČSN 72 4841, cl. 10	Sanitary ceramics	-
3.11.13	Determination of density criteria – absorption power, bulk density, porosity	ČSN 72 5010	Building ceramics	-
3.11.14*	Determination of slipperiness	ČSN 72 5191; ČSN EN 1338, Annex I; ČSN EN 1339, Annex I;	Floor coverings	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
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		ČSN EN 1340, Annex I; ČSN EN 13748-1, cl. 5.7; ČSN EN 13748-2, cl. 5.7; ČSN EN 13893; ČSN EN 14231; DIN 51097; DIN 51130		
3.11.15*	Determination of geometrical parameters, surface quality, absorption power, compressive and bending strength, shard resistance to acids	ČSN 72 5250	Building ceramics	-
3.11.16*	Determination of slip/skid resistance	ČSN EN 13036-4	Floor coverings	-
3.11.17	Determination of functional characteristics – depth of water seal	ČSN EN 13407+A1, cl. 6.6.1.2	Sanitary ceramics	-
3.11.18	Determination of functional characteristics – sawdust test	ČSN EN 13407+A1, cl. 6.6.1.3.1	Sanitary ceramics	-
3.11.19	Determination of functional characteristics – test by flushing of 3 plastic balls	ČSN EN 13407+A1, cl. 6.6.1.3.2	Sanitary ceramics	-
3.11.20	Determination of functional characteristics – oversplashing test	ČSN EN 13407+A1, cl. 6.6.1.3.3	Sanitary ceramics	-
3.11.21	Determination of functional characteristics – discharge test	ČSN EN 13407+A1, cl. 6.6.1.3.4	Sanitary ceramics	-
3.11.22	Determination of water absorption	ČSN EN 13407+A1, cl. 6.6.2	Sanitary ceramics	-
3.11.23	Determination of static load resistance	ČSN EN 13407+A1, cl. 6.6.3	Sanitary ceramics	-
3.11.24*	Determination of slipperiness	ČSN EN 1344, cl. 4.2.5	Floor coverings	-
3.11.25*	Slip resistance test	ČSN EN 13451-1+A1	Floor coverings	-
3.11.26*	Determination of slip/skid resistance	ČSN EN 1436, Annex D	Road marking, traffic signs	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
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3.11.27	Determination of dimensions, shapes and appearance	ČSN EN 14428+A1, cl. 5.1, 5.2	Sanitary ceramics	-
3.11.28	Determination of shatter resistance	ČSN EN 14428+A1, cl. 5.1, 5.2, 5.3	Sanitary ceramics	-
3.11.29	Determination of cleanability	ČSN EN 14428+A1, cl. 5.3; ČSN EN 14528+A1, cl. 5.3; ČSN EN 14688+A1, cl. 5.5, 5.8	Sanitary ceramics	-
3.11.30	Determination of resistance to chemicals	ČSN EN 14428+A1, cl. 5.3	Sanitary ceramics	-
3.11.31	Determination of resistance to wet and dry cycling	ČSN EN 14428+A1, cl. 5.4	Sanitary ceramics	-
3.11.32	Determination of surface quality	ČSN EN 14527, cl. 4.2.1	Sanitary ceramics	-
3.11.33	Determination of functional characteristics	ČSN EN 14527, cl. 5.1	Sanitary ceramics	-
3.11.34	Determination of resistance to chemicals	ČSN EN 14527, cl. 5.2	Sanitary ceramics	-
3.11.35	Determination of dimensions	ČSN EN 14528+A1, cl. 4.1	Sanitary ceramics	-
3.11.36	Loading tests – static loading	ČSN EN 14528+A1, cl. 5.2	Sanitary ceramics	-
3.11.37	Determination of flow rate of overflow	ČSN EN 14528+A1, cl. 5.4	Sanitary ceramics	-
3.11.38	Determination of linear thermal expansion coefficient	ČSN EN 14617-11	Agglomerated stone	-
3.11.39	Determination of dimensional stability and deformations	ČSN EN 14617-12	Agglomerated stone	-
3.11.40	Determination of resistance to impact – coating impact test	ČSN EN 14617-9	Agglomerated stone	-
3.11.41	Determination of static load resistance	ČSN EN 14688+A1, cl. 4.1	Sanitary ceramics	-
3.11.42	Determination of water draining	ČSN EN 14688+A1, cl. 4.2, 4.7, 5.3, 5.9	Sanitary ceramics	-
3.11.43	Determination of resistance to scratching	ČSN EN 14688+A1, cl. 5.6	Sanitary ceramics	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
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3.11.44	Determination of abrasion resistance	ČSN EN 14688+A1, cl. 5.7	Sanitary ceramics	-
3.11.45	Determination of functional properties: height of water seal, flushing tests, water absorption, load test, tests of tank flushers (flushing volume, tightness against water leakage, reliability of drain valve, overflow capacity, dimensions)	ČSN EN 997, cl. 5.7	Sanitary ceramics	-
3.11.46	Determination of density criteria – absorption power, bulk density, porosity	ČSN EN 997, cl. 5.7.3	Sanitary ceramics	-
3.11.47	Determination of strength and strength characteristics	ČSN EN 997, cl. 5.7.4	Sanitary ceramics	-
3.11.48	Determination of moisture expansion	ČSN EN ISO 10545-10	Building ceramics	-
3.11.49	Determination of crazing resistance for glazed tiles	ČSN EN ISO 10545-11	Building ceramics	-
3.11.50	Determination of frost resistance	ČSN EN ISO 10545-12	Building ceramics	-
3.11.51	Determination of chemical resistance at room temperature visually	ČSN EN ISO 10545-13	Building ceramics	-
3.11.52	Determination of resistance to stains visually	ČSN EN ISO 10545-14	Building ceramics	-
3.11.53	Determination of length, width, thickness, straightness of face edges, squareness of edges, flatness of face surfaces and surface quality (defects and intentional effects)	ČSN EN ISO 10545-2	Building ceramics	-
3.11.54	Determination of density criteria – absorption power, apparent porosity, apparent density, bulk density	ČSN EN ISO 10545-3	Building ceramics	-
3.11.55	Determination of bending strength and fracture load	ČSN EN ISO 10545-4	Building ceramics	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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3.11.56	Determination of impact strength	ČSN EN ISO 10545-5	Building ceramics	-
3.11.57	Determination wear resistance – abrasiveness	ČSN EN ISO 10545-6	Building ceramics	-
3.11.58	Determination surface wear resistance	ČSN EN ISO 10545-7	Building ceramics	-
3.11.59	Determination of linear thermal expansion coefficient	ČSN EN ISO 10545-8	Building ceramics	-
3.11.60	Determination of resistance to sudden temperature changes	ČSN EN ISO 10545-9	Building ceramics	-
3.11.61	Determination of slip resistance of pedestrian surfaces	ČSN EN 16165	Floor coverings	-
3.11.62	Determination of lead extractability by FAAS method	ČSN EN ISO 10545-15	Sanitary ceramics	-
3.11.63	Determination of cadmium extractability by FAAS method	ČSN EN ISO 10545-15	Sanitary ceramics	-
3.11.64	Determination of slipperiness	ČSN EN 124-1, Annex C	Gully tops and manhole tops	-
<b>3.12</b>	<b>Cements, adhesives, jointing materials, paints and coatings, surface finishes</b>			
3.12.1	Determination of resistance to abrasion	ČSN EN 13888-2	Grouts for tiles	-
<b>3.13</b>	<b>Thermal insulation materials and products, thermal tests</b>			
3.13.1	Determination of maximum service temperature	ČSN EN ISO 18097	Thermal insulating products	-
<b>3.14</b>	<b>Loading tests of bridges, building structure and floors</b>			
3.14.1	Determination of impact resistance	ČSN 74 3305, Annex B	Railings	-
<b>3.15</b>	<b>Masonry, hardware, partition walls, ceilings, floors</b>			
3.15.1	Determination of compressive strength	ČSN EN 1052-1	Masonry	-
3.15.2*	Determination of flexural resistance and shear resistance	ČSN EN 846-9 ed. 2	Ancillary components for masonry, lintels	-

**The Appendix is an integral part of  
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3.15.3*	Determination of dimensions and bow	ČSN EN 846-11	Ancillary components for masonry, lintels	-
<b>3.16</b>	<b>Masonry units, permanent formwork, ceiling elements, burnt and concrete roofing</b>			
3.16.1	Determination of dimensions	ČSN EN 772-16	Masonry units	-
3.16.2	Determination of frost resistance	ČSN EN 772-18	Masonry units	-
3.16.3	Determination of percentage area of voids (by paper indentation)	ČSN EN 772-2	Concrete masonry units	-
3.16.4	Determination of net volume and percentage of voids and material by filling the voids with sand	ČSN EN 772-9	Calcium silicate masonry units	-
3.16.5	Determination of moisture content by gravimetry	ČSN EN 772-10	Calcium silicate masonry units, aerated concrete units	-
3.16.6	Determination of water absorption due to capillary action and the initial rate of water absorption	ČSN EN 772-11	Concrete masonry units and burnt masonry units	-
3.16.7	Determination of mass per unit volume	ČSN EN 772-13	Masonry units	-
3.16.8	Determination of transversal fracture load	ČSN EN 1344, Annex D	Clay pavers	-
3.16.9	Determination of grindability	ČSN EN 1344, Annex E	Clay pavers	-
3.16.10	Determination of geometrical characteristics	ČSN EN 1344, Annex B	Clay pavers	-
3.16.11	Determination of moisture movement	ČSN EN 772-14	Masonry units	-
3.16.12	Determination of flatness of faces	ČSN EN 772-20	Masonry units	-
3.16.13	Determination of drying shrinkage	ČSN EN 680	Autoclaved aerated concrete	-
3.16.14	Determination of flexural strength	ČSN EN 772-6	Concrete masonry units	-
3.16.15	Determination of the content of active soluble salts Na <sup>+</sup> , K <sup>+</sup> , Mg <sup>2+</sup> by FAAS method	ČSN EN 772-5 ed. 2	Masonry units	-

**The Appendix is an integral part of  
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**Technický a zkušební ústav stavební Praha, s.p.**  
CAB number 1018.3, Central Laboratory  
Nemanická 441, 370 10 České Budějovice

Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
3.16.16	Determination of compressive strength	ČSN EN 772-1+A1	Masonry units	-

<sup>1</sup> asterisk at the ordinal number identifies the tests, which the laboratory is qualified to carry out outside the permanent laboratory premises

<sup>2</sup> 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 valid edition of the specified procedure is used (including any changes)

<sup>3</sup> the laboratory does not apply a flexible approach to the scope of accreditation.

**Sampling:**

Ordinal number	Sampling procedure name	Sampling procedure identification <sup>1</sup>	Subject of sampling
3.1	Fresh concrete sampling	ČSN EN 12350-1	Fresh concrete
3.2	Hardened concrete sampling	ČSN EN 12504-1, cl. 6	Hardened concrete
3.3	Aggregate sampling	ČSN EN 932-1	Aggregates

<sup>1</sup> if the document identifying the sampling procedure is dated, only these specific procedures are used. If the document identifying the sampling procedure is not dated, the latest valid edition of the specified procedure is used (including any changes)

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**  
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**4. Testing Laboratory in Teplice (0400)**

**Tests:**

Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
<b>4.1</b>	<b>Acoustics</b>			
4.1.1*	Measurement of noise	ČSN EN ISO 9612; MoH CR Bulletin, 2013, Part 4, p. 4	Working environment	-
4.1.2*	Measurement of noise	ČSN ISO 1996-1; ČSN ISO 1996-2; MoH CR Bulletin, 2023, Part 14, p. 3	Non-working environment	-
4.1.3*	Determination of airborne sound insulation	ČSN EN ISO 16283-3; ČSN EN ISO 10140-2; ČSN EN ISO 10140-4; ČSN EN ISO 16283-1; ČSN EN 1793-2	Building structures	-
4.1.4*	Determination of impact sound insulation	ČSN EN ISO 16283-2; ČSN EN ISO 10140-3	Building structures with floors	-
4.1.5	Determination of sound absorption	ČSN EN ISO 354; ČSN EN 1793-1	Acoustical structures and products	-
4.1.6	Determination of airflow resistance	ČSN EN ISO 9053-1	Materials for acoustics	-
4.1.7	Determination of reverberation time	ČSN EN ISO 3382-2	Rooms and halls	-
4.1.8*	Measurement of sound pressure level	ČSN EN ISO 16032	Rooms and halls	-
4.1.9	Determination of dynamic stiffness	ČSN ISO 9052-1	Materials used under floating floors	-
4.1.10	Determination of in situ values of sound reflection under direct sound field conditions	ČSN EN 1793-5	Road traffic noise reducing devices	-
4.1.11	Determination of in situ values of airborne sound insulation under direct sound field conditions	ČSN EN 1793-6	Road traffic noise reducing devices	-
4.1.12	Determination of insertion loss	ČSN ISO 10847	Noise reducing devices	-
4.1.13	Measurement of speech level reduction	ISO 23351-1	Micro offices	-

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CAB number 1018.3, Central Laboratory  
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Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
4.1.14	Determination of in situ values of sound diffraction	ČSN EN 1793-4	Road traffic noise reducing devices	-
<b>4.2</b>	<b>Concrete, admixtures and fibres for concrete</b>			
4.2.1*	Slump test	ČSN EN 12350-2	Fresh concrete	-
4.2.2*	Flow table test	ČSN EN 12350-5	Fresh concrete	-
4.2.3*	Determination of mass per unit volume	ČSN EN 12350-6	Fresh concrete	-
4.2.4*	Determination of air content by pressure method	ČSN EN 12350-7, cl. 6	Fresh concrete	-
4.2.5	Determination of tensile strength	ČSN 73 1318	Hardened concrete	-
4.2.6	Determination of resistance to water and chemical de-icing agents	ČSN 73 1326, method A, C	Hardened concrete	-
4.2.7*	Determination of shapes and dimensions	ČSN EN 12390-1	Hardened concrete	-
4.2.8*	Determination of compressive strength, including the manufacture and treatment of test specimens	ČSN EN 12390-2; ČSN EN 12390-3; ČSN EN 12504-1, except cl. 6	Hardened concrete	-
4.2.9	Determination of compressive strength of test specimens	ČSN EN 12390-3	Hardened concrete	-
4.2.10	Determination of mass per unit volume	ČSN EN 12390-7	Hardened concrete	-
4.2.11	Determination of depth of penetration of water under pressure	ČSN EN 12390-8	Hardened concrete	-
4.2.12	Determination of moisture content, absorption power and capillarity	IP 0400T013 (ČSN 73 1316:2003)	Hardened concrete	-
4.2.13	Determination of watertightness	IP 0400T014 (ČSN 73 1321:2003)	Hardened concrete	-
4.2.14*	Determination of compressive strength	ČSN EN 12504-1, except cl. 6	Hardened concrete	-
4.2.15*	Determination of rebound number by hardness drop tester	ČSN EN 12504-2	Hardened concrete	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
Nemanická 441, 370 10 České Budějovice

Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
4.2.16*	Determination of compressive strength by hardness testing methods (Schmidt N. L.)	ČSN 73 1373; ČSN 73 2011	Hardened concrete	-
4.2.17*	Determination of adhesion, tensile strength and impermeability	ČSN 73 6242, Annex B	Bridges, surface layers	-
4.2.18	Determination of static modulus of elasticity in compression	ČSN ISO 1920-10	Hardened concrete	-
<b>4.3</b>	<b>Concrete building components and structures</b>			
4.3.1*	Determination of shapes, dimensions and appearance	ČSN 73 0212-5	Building components	-
4.3.2	Tests of strength and load bearing capacity	ČSN EN 1917, except chap. C, D	Concrete manholes	-
<b>4.4</b>	<b>Physical factors</b>			
4.4.1	Measurement and evaluation of the content of natural radionuclides <sup>226</sup> Ra, <sup>40</sup> K, <sup>228</sup> Th by gamma-ray spectrometry. Determination of mass activity index by calculation from measured values	Recommendation SÚJB DR-RO-5.2 (Rev. 0.0)	Building materials	-
<b>4.5</b>	<b>Chemical analyses of silicate and building products</b>			
4.5.1	Determination of loss in mass by drying by gravimetry	ČSN 72 0102	Silicate materials	-
4.5.2	Determination of loss on ignition by gravimetry	ČSN 72 0103	Silicate materials	-
4.5.3	Determination of silicon dioxide by defumigation with hydrofluoric acid by gravimetric method	ČSN 72 0105-2	Silicate materials	-
4.5.4	Determination of sulphate sulphur by gravimetry	ČSN 72 0117	Silicate materials	-
4.5.5	Determination of total sulphur by gravimetric method	ČSN 72 0118	Silicate materials	-
<b>4.6</b>	<b>Stone, aggregates, inactive concrete admixtures, soils</b>			

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**  
CAB number 1018.3, Central Laboratory  
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<b>Ordinal number<sup>1</sup></b>	<b>Test procedure / method name</b>	<b>Test procedure / method identification<sup>2</sup></b>	<b>Tested subject</b>	<b>Degrees of freedom<sup>3</sup></b>
4.6.1	Determination of resistance to freezing/thawing	ČSN EN 1367-1	Aggregates	-
4.6.2	Determination of various aggregate particles	ČSN 72 1180	Aggregates	-
4.6.3	Determination of particle size distribution – sieving analysis	ČSN EN 933-1	Aggregates	-
4.6.4	Determination of particle shape - Shape index	ČSN EN 933-4	Aggregates	-
4.6.5	Determination of percentage of crushed particles	ČSN EN 933-5	Coarse aggregates	-
4.6.6	Determination of fine particle quality – methylene blue test	ČSN EN 933-9	Aggregates	-
4.6.7	Determination of resistance to fragmentation	ČSN EN 1097-2, cl. 1 to 5	Aggregates	-
4.6.8	Determination of loose bulk density and voids	ČSN EN 1097-3	Aggregates	-
4.6.9	Determination of the water content by drying in a ventilated oven	ČSN EN 1097-5	Aggregates	-
4.6.10	Determination of particle density and water absorption	ČSN EN 1097-6, Annex A, B	Aggregates	-
4.6.11	Determination of the particle density of filler - Pycnometer method	ČSN EN 1097-7	Aggregates	-
4.6.12	Determination of thermal and weathering properties – boiling test	ČSN EN 1367-3	Aggregates	-
4.6.13	Determination of water-soluble chloride salts by Volhard method and Mohr method	ČSN EN 1744-1+A1, cl. 7, 9	Aggregates	-
4.6.14	Determination of water-soluble sulphate by gravimetry	ČSN EN 1744-1+A1, cl. 10	Aggregates	
4.6.15	Determination of total sulphur content by gravimetry	ČSN EN 1744-1+A1, cl. 11	Aggregates	

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
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Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
4.6.16	Determination of acid-soluble sulphate by gravimetry	ČSN EN 1744-1+A1, cl. 12	Aggregates	
4.6.17	Determination of potential content of humus particles by colorimetry	ČSN EN 1744-1+A1, cl. 15.1	Aggregates	
4.6.18	Determination of water solubility by gravimetry	ČSN EN 1744-1+A1, cl. 16	Aggregates	
4.6.19	Determination of the loss on ignition by gravimetry	ČSN EN 1744-1+A1, cl. 17	Aggregates	
4.6.20	Test for filler aggregate – delta ring and ball test	ČSN EN 13179-1	Aggregates	-
4.6.21*	Determination of compactability – Proctor compaction	ČSN EN 13286-2, Method A, B	Soils and backfills	-
4.6.22	Determination of compressive strength	ČSN EN 13286-41	Hydraulically bound mixtures of soils and backfills	-
4.6.23	Determination of the California Bearing Ratio and linear swelling	ČSN EN 13286-47	Soils and backfills	-
4.6.24	Determination of compressive strength	ČSN EN 13286-53	Hydraulically bound mixtures of soils and backfills	-
4.6.25	Determination of apparent density of solid particles by pycnometry	ČSN EN ISO 17892-3	Soils and backfills	-
4.6.26	Determination of grain size	ČSN EN ISO 17892-4	Soils and backfills	-
4.6.27	Determination of moisture content by gravimetry	ČSN EN ISO 17892-1	Soils and backfills	-
4.6.28	Determination of fine particle quality – sand equivalent test	ČSN EN 933-8+A1	Aggregates	-
4.6.29	Classification of constituents	ČSN EN 933-11	Coarse recycled aggregates	-
<b>4.7</b>	<b>Mortars, mortar mixtures, renovation materials, screeds</b>			
4.7.1	Determination of frost resistance	ČSN 72 2452	Masonry mortars	-
4.7.2	Determination of consistence by flow table	ČSN EN 1015-3	Fresh mortar	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
Nemanická 441, 370 10 České Budějovice

Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
4.7.3	Determination of consistence by plunger penetration	ČSN EN 1015-4	Fresh mortar	-
4.7.4	Determination of mass per unit volume	ČSN EN 1015-6	Fresh mortar	-
4.7.5	Determination of air content	ČSN EN 1015-7	Fresh mortar	-
4.7.6	Determination of mass per unit volume	ČSN EN 1015-10	Dry hardened mortars	-
4.7.7	Determination of compressive strength	ČSN EN 1015-11, cl. 9	Dry hardened mortars	-
4.7.8	Determination of flexural strength	ČSN EN 1015-11, cl. 8	Dry hardened mortars	-
4.7.9*	Determination of adhesion	ČSN EN 1015-12	Dry hardened mortars	-
4.7.10	Determination of adhesion	ČSN EN 12004-2, cl. 8.3	Cement mortars and adhesives	-
4.7.11	Determination of water-soluble chloride by titration	ČSN EN 1015-17	Mortars	-
4.7.12	Determination of capillary water absorption coefficient	ČSN EN 1015-18	Hardened mortars	-
4.7.13	Determination of slip	ČSN EN 12004-2, cl. 8.2	Mortars and adhesives	-
4.7.14	Determination of open time	ČSN EN 12004-2, cl. 8.1	Mortars and adhesives	-
4.7.15*	Determination of bleeding, volume changes, fluidity and compressive strength	ČSN EN 445, cl. 4.3.1	Injection mortars	-
4.7.16*	Determination of carbonation depth	ČSN EN 14630	Renovation materials	-
<b>4.8</b>	<b>Construction cements, fly ash, slags, stabilization of soils, bitumens</b>			
4.8.1	Determination of softening point by ring method	ČSN EN 1427	Bitumen	-
4.8.2	Determination of normal consistency and setting time	ČSN EN 196-3, cl. 1 to 6	Cement	-
4.8.3	Determination of volume stability	ČSN EN 196-3, cl. 7	Cement	-
4.8.4	Determination of strength	ČSN EN 196-1	Cement	-
4.8.5	Determination of fineness of grinding, specific surface and density	ČSN 72 2113, cl. 10 to 16; ČSN EN 196-6	Cement	-
4.8.6	Determination of the loss on ignition by gravimetry	ČSN EN 196-2, cl. 4.4.1	Cement	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
Nemanická 441, 370 10 České Budějovice

Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
4.8.7	Determination of the content of sulphate by gravimetry	ČSN EN 196-2, cl. 4.4.2	Cement	-
4.8.8	Determination of insoluble residue by gravimetry	ČSN EN 196-2, cl. 4.4.3, 4.4.4	Cement	-
4.8.9	Determination of sulphide by titration	ČSN EN 196-2, cl. 4.4.5	Cement	-
4.8.10	Determination of silicon dioxide by gravimetry	ČSN EN 196-2, cl. 4.5.2, 4.5.3, 4.5.5, 4.5.6	Cement	-
4.8.11	Determination of iron oxide by titration	ČSN EN 196-2, cl. 4.5.10	Cement	-
4.8.12	Determination of aluminium oxide by titration	ČSN EN 196-2, cl. 4.5.11	Cement	-
4.8.13	Determination of calcium oxide by titration	ČSN EN 196-2, cl. 4.5.14	Cement	-
4.8.14	Determination of magnesium oxide by titration	ČSN EN 196-2, cl. 4.5.15	Cement	-
4.8.15	Determination of the alkali content by photometry	ČSN EN 196-2, cl. 4.5.19	Cement	-
4.8.16	Determination of chlorides by titration	ČSN EN 196-2, cl. 4.5.16	Cement	-
4.8.17	Determination of water soluble chromium (Cr <sup>6+</sup> ) by spectrophotometry	ČSN EN 196-10	Cement	-
4.8.18	Determination of consistency, penetration, water retention and air content by standard mortar test	ČSN EN 413-2	Cement	-
4.8.19	Determination of hydration heat – dissolving heat	ČSN EN 196-8	Cement	-
4.8.20	Determination of pozzolanicity	ČSN EN 196-5	Cement	-
4.8.21	Determination of bulk density (loose, bulk)	ČSN 72 2071, cl. 11.1, 11.2	Ash, slag, cinder and other silicate materials	-
4.8.22	Determination of volume stability	ČSN EN 450-1, cl. 5.3.3	Ash, slag, cinder and other silicate materials	-
4.8.23	Determination of efficiency index	ČSN EN 450-1, cl. 3.5, 5.3.2	Ash, slag, cinder and other silicate materials	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
Nemanická 441, 370 10 České Budějovice

<b>Ordinal number<sup>1</sup></b>	<b>Test procedure / method name</b>	<b>Test procedure / method identification<sup>2</sup></b>	<b>Tested subject</b>	<b>Degrees of freedom<sup>3</sup></b>
4.8.24	Determination of fineness by wet sieving	ČSN EN 451-2	Ash, slag, cinder and other silicate materials	-
4.8.25	Determination of silicon dioxide by gravimetry	ČSN 72 0105-1	Ash, slag, cinder and other silicate materials	-
4.8.26	Determination of silicon dioxide by gravimetry	ČSN 72 0106	Ash, slag, cinder and other silicate materials	-
4.8.27	Determination of acid-indecomposable share by gravimetry	ČSN 72 0107	Ash, slag, cinder and other silicate materials	-
4.8.28	Determination of free calcium oxide by titration	ČSN EN 451-1	Ash, slag, cinder and other silicate materials	-
4.8.29	Determination of humidity of slag by gravimetry	ČSN EN 15167-1, Annex A	Ash, slag, cinder and other silicate materials	-
4.8.30	Determination of calcium oxide by titration	ČSN 72 0113-1	Ash, slag, cinder and other silicate materials	-
4.8.31	Determination of calcium oxide by titration	ČSN 72 0113-2	Ash, slag, cinder and other silicate materials	-
4.8.32	Determination of calcium oxide by titration	ČSN 72 0113-3	Ash, slag, cinder and other silicate materials	-
4.8.33	Determination of magnesium oxide by titration	ČSN 72 0114-1	Ash, slag, cinder and other silicate materials	-
4.8.34	Determination of magnesium oxide by titration	ČSN 72 0114-2	Ash, slag, cinder and other silicate materials	-
4.8.35	Determination of magnesium oxide by titration	ČSN 72 0114-3	Ash, slag, cinder and other silicate materials	-
4.8.36	Determination of grain size	ČSN EN 459-2, cl. 7.1, 7.2	Lime	-
4.8.37	Determination of reactivity	ČSN EN 459-2, cl. 7.6	Lime	-
4.8.38	Determination of volume stability	ČSN EN 459-2, cl. 7.4	Lime	-
4.8.39	Determination of consistency, penetration, water retention, air content by standard mortar test	ČSN EN 459-2, cl. 7.8 to 7.10	Lime	-
4.8.40	Determination of the effect of fly ash on setting of cement	ČSN 72 2071, cl. 11.9; ČSN 72 2080, cl. 11.10	Ash, slag, cinder and other silicate materials	-
<b>4.9</b>	<b>Gypsum and gypsum products, rock gypsum, anhydride, MgO based panels</b>			

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
Nemanická 441, 370 10 České Budějovice

Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
4.9.1	Determination of compressive and bending strength	ČSN 72 2301, cl. 7, 8	Gypsum binders	-
4.9.2	Determination of initial and final setting times	ČSN 72 2301, cl. 6	Gypsum binders	-
4.9.3	Determination of fineness of grinding	ČSN 72 2301, cl. 5	Gypsum binders	-
4.9.4	Determination of humidity, bound water and SO <sub>3</sub> by gravimetry	ČSN 72 1206, cl. 21 to 33	Rock gypsum and anhydride	-
<b>4.10</b>	<b>Cements, adhesives, jointing materials, paints and coatings, surface finishes</b>			
4.10.1	Determination of flexural and compressive strength	ČSN EN 13888-2	Grouts for tiles	-
4.10.2	Determination of shrinkage	ČSN EN 13888-2	Grouts for tiles	-
4.10.3	Determination of water absorption	ČSN EN 13888-2	Grouts for tiles	-
<b>4.11</b>	<b>Road equipment, road signs, lighting poles</b>			
4.11.1	Load resistance test	ČSN EN 1794-1:2004, Annex A, B, C, E	Road traffic noise reducing devices	-
4.11.2	Impact test – danger of falling debris	ČSN EN 1794-2:2004, Annex B	Road traffic noise reducing devices	-
4.11.3	Determination of gloss value	ČSN EN 1794-2, Annex E; ČSN EN ISO 2813	Road traffic noise reducing devices	-
<b>4.12</b>	<b>Loading tests of bridges, building structure and floors</b>			
4.12.1*	Loading tests	ČSN 73 6209	Bridges	-
4.12.2*	Static loading tests	ČSN 73 2030, Annex A, B, C	Building structures and their parts	-
<b>4.13</b>	<b>Masonry, hardware, partition walls, ceilings, floors</b>			
4.13.1*	Determination of flexural resistance and shear resistance	ČSN EN 846-9 ed. 2	Ancillary components for masonry, lintels	-
4.13.2*	Determination of dimensions and bow	ČSN EN 846-11	Ancillary components for masonry, lintels	-

<sup>1</sup> asterisk at the ordinal number identifies the tests, which the laboratory is qualified to carry out outside the permanent laboratory premises

<sup>2</sup> 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 valid edition of the specified procedure is used (including any changes)

<sup>3</sup> the laboratory does not apply a flexible approach to the scope of accreditation.

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**  
CAB number 1018.3, Central Laboratory  
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**Sampling:**

<b>Ordinal number</b>	<b>Sampling procedure name</b>	<b>Sampling procedure identification<sup>1</sup></b>	<b>Subject of sampling</b>
4.1	Fresh concrete sampling	ČSN EN 12350-1	Fresh concrete
4.2	Hardened concrete sampling	ČSN EN 12504-1, cl. 6	Hardened concrete
4.3	Sampling of cement and fly ash	ČSN EN 196-7	Cement and ash
4.4	Aggregate sampling	ČSN EN 932-1	Aggregates

<sup>1</sup> if the document identifying the sampling procedure is dated, only these specific procedures are used. If the document identifying the sampling procedure is not dated, the latest valid edition of the specified procedure is used (including any changes)

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**  
CAB number 1018.3, Central Laboratory  
Nemanická 441, 370 10 České Budějovice

**5. Testing Laboratory in Předměřice nad Labem (0500)**

**Tests:**

Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
<b>5.1</b>	<b>Concrete, admixtures and fibres for concrete</b>			
5.1.1*	Slump test	ČSN EN 12350-2	Fresh concrete	-
5.1.2*	Flow table test	ČSN EN 12350-5	Fresh concrete	-
5.1.3*	Determination of mass per unit volume	ČSN EN 12350-6	Fresh concrete	-
5.1.4*	Determination of air content by pressure method	ČSN EN 12350-7, cl. 6	Fresh concrete	-
5.1.5	Determination of resistance to water and chemical de-icing agents	ČSN 73 1326, method A, C	Hardened concrete	-
5.1.6*	Determination of compressive strength, including the manufacture and treatment of test specimens	ČSN EN 12390-2; ČSN EN 12390-3; ČSN EN 12504-1, except cl. 6	Hardened concrete	-
5.1.7	Determination of the indirect tensile strength of test specimens	ČSN EN 12390-6	Hardened concrete	-
5.1.8	Determination of mass per unit volume	ČSN EN 12390-7	Hardened concrete	-
5.1.9	Determination of depth of penetration of water under pressure	ČSN EN 12390-8	Hardened concrete	-
5.1.10*	Test of compressive strength by hardness testing methods (Schmidt N. L.)	ČSN 73 1373	Hardened concrete	-
<b>5.2</b>	<b>Small concrete products</b>			
5.2.1*	Determination of dimensions	ČSN EN 1339, Annex C; ČSN EN 1340, Annex C	Concrete products	-
5.2.2	Determination of bending strength and fracture load	ČSN EN 1339, Annex F	Concrete products	-
5.2.3	Determination of bending strength	ČSN EN 1340, Annex F	Concrete products	-
<b>5.3</b>	<b>Concrete building components and structures</b>			
5.3.1*	Determination of dimensions, shapes, top	ČSN EN 13369, Annex H; ČSN EN 13369:2013, Annex J	Concrete components	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
Nemanická 441, 370 10 České Budějovice

Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
	layer of reinforcement, crack width			
5.3.2	Tests of strength and load bearing capacity	ČSN EN 1916, Annex C	Concrete pipes	-
5.3.3	Tests of strength and load bearing capacity	ČSN EN 1917, Annex A	Concrete manholes	-
5.3.4	Water absorption tests	ČSN EN 1916, Annex F	Concrete pipes	-
5.3.5	Determination of total water absorption	ČSN EN 1917, Annex D	Concrete manholes	-
<b>5.4</b>	<b>Materials, products and waterproofing systems</b>			
5.4.1	Determination of length, width and straightness	ČSN EN 1848-1	Sheets for waterproofing	-
5.4.2	Determination of thickness	ČSN EN 1849-1, cl. 4	Sheets for waterproofing	-
5.4.3	Determination of mass per unit area	ČSN EN 1849-1, cl. 5	Sheets for waterproofing	-
5.4.4	Determination of visible defects	ČSN EN 1850-1	Sheets for waterproofing	-
5.4.5	Determination of flow resistance	ČSN EN 1110	Sheets for waterproofing	-
5.4.6	Determination of tensile properties	ČSN EN 12311-1	Sheets for waterproofing	-
5.4.7*	Determination of tensile adhesion strength	ČSN EN 13596	Sheets for waterproofing	-
5.4.8	Determination of water absorption	ČSN EN 14223	Sheets for waterproofing (for waterproofing of concrete bridge decks)	-
5.4.9	Determination of flexibility at low temperature	ČSN EN 1109	Sheets for waterproofing	-
5.4.10	Determination of watertightness	ČSN EN 1928	Sheets for waterproofing	-
<b>5.5</b>	<b>Metallic materials and parts in construction</b>			
5.5.1	Tensile test	ČSN EN ISO 6892-1	Metallic products	-
<b>5.6</b>	<b>Mortars, mortar mixtures, renovation materials, screeds</b>			
5.6.1	Frost resistance test	ČSN 72 2452	Mortars	-
5.6.2	Test of compressive strength	ČSN EN 1015-11, cl. 9	Hardened mortars	-
5.6.3	Test of compressive strength	ČSN EN 13892-2, cl. 6.2	Screed materials	-
5.6.4	Test of flexural strength	ČSN EN 1015-11, cl. 8	Hardened mortars	-
5.6.5	Test of flexural strength	ČSN EN 13892-2, cl. 6.1	Screed materials	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
Nemanická 441, 370 10 České Budějovice

Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
5.6.6*	Determination of adhesion	ČSN EN 1015-12	Hardened mortars	-
5.6.7	Determination of adhesion	ČSN EN 12004-2, cl. 8.3; ČSN EN 1348:2008	Cement mortars and adhesives	-
5.6.8	Determination of capillary water absorption coefficient	ČSN EN 1015-18	Hardened mortars	-
5.6.9	Determination of compressive strength	ČSN EN 12190	Products and systems for the protection and repair of concrete structures	-
<b>5.7</b>	<b>Draining elements</b>			
5.7.1	Load test	ČSN EN 1433, cl. 9.1	Drainage channels for vehicular and pedestrian areas	-
5.7.2	Determination of dimensions, shape	ČSN EN 124-1, cl. 8.4	Gully tops and manhole tops	-
5.7.3*	Determination of load-bearing capacity	ČSN EN 124-1, Annex B	Gully tops and manhole tops	-
5.7.4*	Determination of permanent set	ČSN EN 124-1, Annex A	Gully tops and manhole tops	-
<b>5.8</b>	<b>Cements, adhesives, jointing materials, paints and coatings, surface finishes</b>			
5.8.1*	Determination of adhesion	ČSN 73 2577	Surface finish	-
5.8.2	Determination of frost resistance	ČSN 73 2579	Surface finish	-
5.8.3	Determination of water vapour transmission properties	ČSN 73 2580	Surface finish	-
5.8.4	Determination of flexural and compressive strength	ČSN EN 13888-2	Grouts for tiles	-
<b>5.9</b>	<b>Thermal insulation materials and products, thermal tests</b>			
5.9.1*	Determination of length and width	ČSN EN 822:2013; ČSN EN ISO 29465	Thermal insulation materials and products	-
5.9.2*	Determination of thickness	ČSN EN 823:2013; ČSN EN ISO 29466	Thermal insulation materials and products	-
5.9.3*	Determination of squareness	ČSN EN 824	Thermal insulation materials and products	-
5.9.4*	Determination of flatness	ČSN EN 825:2013; ČSN EN ISO 29468	Thermal insulation materials and products	-
5.9.5	Pressure test	ČSN EN 826:2013; ČSN EN ISO 29469	Thermal insulation materials and products	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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5.9.6	Determination of tensile strength perpendicular to faces	ČSN EN 1607	Thermal insulation materials and products	-
5.9.7	Determination of dimensional stability under specified temperature and humidity conditions	ČSN EN 1604	Thermal insulation materials and products	-
5.9.8	Determination of dimensional stability at constant laboratory conditions	ČSN EN 1603	Thermal insulation materials and products	-
5.9.9	Determination of water absorption by partial immersion	ČSN EN ISO 29767; ČSN EN 1609:2013	Thermal insulation materials and products	-
5.9.10	Determination of long term water absorption by immersion	ČSN EN ISO 16535, method 1A, 2A; ČSN EN 12087:2013	Thermal insulation materials and products	-
5.9.11	Determination of water vapour transmission rate	ČSN EN 12086	Thermal insulation materials and products	-
5.9.12	Bend test	ČSN EN 12089, method B	Thermal insulation materials and products	-
5.9.13	Determination of mass per unit volume	ČSN EN 1602:2013; ČSN EN ISO 29470	Thermal insulation materials and products	-
5.9.14	Determination of moisture content by drying at elevated temperature	ČSN EN ISO 12570	Thermal insulation materials and products	-
5.9.15	Determination of thermal resistance by means of guarded hot plate and heat flow meter methods	ČSN EN 12667	Building materials and products	-
5.9.16	Determination of behaviour under point load	ČSN EN 12430	Thermal insulation materials and products	-
5.9.17	Determination of tensile strength perpendicular to the plane of the panel	ČSN EN 14509 ed. 2, Annex A1	Thermal insulation materials – double skin faced panels	-
5.9.18	Determination of compressive strength	ČSN EN 14509 ed. 2, Annex A2	Thermal-insulation materials – Self-supporting sandwich panels	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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5.9.19	Determination of shear strength	ČSN EN 14509 ed. 2, Annex A3, A4	Thermal-insulation materials – Self-supporting sandwich panels	-
5.9.20	Determination of flexural strength	ČSN EN 14509 ed. 2, Annex A5, A7	Thermal-insulation materials – Self-supporting sandwich panels	-
5.9.21	Determination of durability	ČSN EN 14509 ed. 2, Annex B	Thermal-insulation materials – Self-supporting sandwich panels	-
<b>5.10</b>	<b>Thermal insulation systems</b>			
5.10.1	Determination of tensile strength and elongation under normal conditions and after artificial ageing	ČSN EN 13496; EAD 040016-01-0404, cl. 2.2.7	Mesh – ETICS	-
<b>5.11</b>	<b>Loading tests of bridges, building structure and floors</b>			
5.11.1*	Static loading tests	ČSN 73 2030, Annex A, B, C	Building structures and their parts	-
<b>5.12</b>	<b>Masonry, hardware, partition walls, ceilings, floors</b>			
5.12.1*	Determination of flexural resistance and shear resistance	ČSN EN 846-9 ed. 2	Ancillary components for masonry, lintels	-
<b>5.13</b>	<b>Masonry units, permanent formwork, ceiling elements, burnt and concrete roofing</b>			
5.13.1	Determination of dimensions	ČSN EN 772-16	Masonry units	-
5.13.2	Determination of flexural strength	ČSN 72 2605, cl. 24 to 28	Masonry materials, burnt roofing	-
5.13.3	Determination of frost resistance	ČSN 72 2601, Annex A	Brick products	-
5.13.4	Testing of dimensional tolerances and mass	ČSN EN 491, cl. 5.2 to 5.5	Concrete roofing tiles	-
5.13.5	Determination of cold water absorption	ČSN EN 772-21	Masonry units	-
5.13.6	Determination of mass per unit volume	ČSN EN 772-13	Masonry units	-
5.13.7	Determination of compressive strength	ČSN EN 772-1+A1	Masonry units	-
5.13.8	Determination of water permeability	ČSN EN 491, cl. 5.7	Concrete roofing tiles	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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5.13.9	Determination of mechanical resistance (transverse load bearing capacity)	ČSN EN 491, cl. 5.6	Concrete roofing tiles	-
5.13.10	Frost resistance test	ČSN EN 491, cl. 5.8	Concrete roofing tiles	-

<sup>1</sup> asterisk at the ordinal number identifies the tests, which the laboratory is qualified to carry out outside the permanent laboratory premises

<sup>2</sup> 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 valid edition of the specified procedure is used (including any changes)

<sup>3</sup> the laboratory does not apply a flexible approach to the scope of accreditation.

**Sampling:**

<b>Ordinal number</b>	<b>Sampling procedure name</b>	<b>Sampling procedure identification<sup>1</sup></b>	<b>Subject of sampling</b>
5.1	Fresh concrete sampling	ČSN EN 12350-1	Fresh concrete
5.2	Hardened concrete sampling	ČSN EN 12504-1, cl. 6	Hardened concrete

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**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**  
CAB number 1018.3, Central Laboratory  
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**6. Testing Laboratory in Brno (0600)**

**Tests:**

Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
<b>6.1</b>	<b>Concrete, admixtures and fibres for concrete</b>			
6.1.1*	Slump test	ČSN EN 12350-2	Fresh concrete	-
6.1.2	Determination of degree of compactability	ČSN EN 12350-4	Fresh concrete	-
6.1.3*	Flow table test	ČSN EN 12350-5	Fresh concrete	-
6.1.4*	Determination of mass per unit volume	ČSN EN 12350-6	Fresh concrete	-
6.1.5*	Determination of air content by pressure method	ČSN EN 12350-7, cl. 6	Fresh concrete	-
6.1.6	Determination of suitability – initial assessment, humic substances	ČSN EN 1008, cl. 6.1.1, 6.1.2	Concrete mixing water	-
6.1.7	Determination of tensile strength	ČSN 73 1318	Hardened concrete	-
6.1.8	Determination of volume changes	ČSN 73 1320	Hardened concrete	-
6.1.9	Frost resistance test	ČSN 73 1322	Hardened concrete	-
6.1.10	Determination of resistance to water and chemical de-icing agents	ČSN 73 1326, method A, C	Hardened concrete	-
6.1.11	Determination of modulus of elasticity	ČSN 73 6174	Hardened concrete	-
6.1.12	Testing of shapes and dimensions	ČSN EN 12390-1	Hardened concrete	-
6.1.13	Determination of compressive strength, including the manufacture and treatment of test specimens	ČSN EN 12390-2; ČSN EN 12390-3; ČSN EN 12504-1, except cl. 6	Hardened concrete	-
6.1.14	Determination of compressive strength of test specimens	ČSN EN 12390-3	Hardened concrete	-
6.1.15	Determination of flexural strength of test specimens	ČSN EN 12390-5	Hardened concrete	-
6.1.16	Determination of the indirect tensile strength of test specimens	ČSN EN 12390-6	Hardened concrete	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
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<b>Ordinal number<sup>1</sup></b>	<b>Test procedure / method name</b>	<b>Test procedure / method identification<sup>2</sup></b>	<b>Tested subject</b>	<b>Degrees of freedom<sup>3</sup></b>
6.1.17	Determination of mass per unit volume	ČSN EN 12390-7	Hardened concrete	-
6.1.18	Determination of depth of penetration of water under pressure	ČSN EN 12390-8	Hardened concrete	-
6.1.19	Determination of static modulus of elasticity in compression	ČSN ISO 1920-10	Hardened concrete	-
6.1.20	Determination of compressive strength	IP 0600T013 (ČSN EN 12390-3)	Hardened concrete – samples of the structure	-
6.1.21*	Determination of compressive strength	ČSN EN 12504-1, except cl. 6	Hardened concrete	-
6.1.22*	Determination of rebound number by hardness drop tester	ČSN EN 12504-2	Hardened concrete	-
6.1.23*	Determination of hardness by Schmidt rebound tester	ČSN 73 1370	Hardened concrete	-
6.1.24*	Determination of compressive strength by hardness testing methods (Schmidt N. L.)	ČSN 73 1373; ČSN 73 2011	Hardened concrete	-
6.1.25	Determination of solids content by gravimetry	ČSN EN 480-8	Concrete and mortar additives	-
6.1.26	Determination of water-soluble chloride content by potentiometric titration	ČSN EN 480-10	Concrete and mortar additives	-
6.1.27	Determination of seam strength	ČSN EN 934-5, Annex C	Concrete and mortar additives	-
6.1.28*	Determination of adhesion, tensile strength and impermeability	ČSN 73 6242, Annex B	Bridges – surface layers	-
6.1.29*	Determination of impermeability by measuring electrical resistance	ČSN 73 6242, Annex D	Bridges – surface layers	-
<b>6.2</b>	<b>Small concrete products</b>			
6.2.1*	Determination of dimensions	ČSN EN 1338, Annex C; ČSN EN 1339, Annex C; ČSN EN 1340, Annex C;	Concrete products	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
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		ČSN EN 13748-1, cl. 5.2, 5.3, 5.4; ČSN EN 13748-2, cl. 5.2, 5.3, 5.4		
6.2.2	Determination of total water absorption	ČSN EN 1338, Annex E; ČSN EN 1339, Annex E; ČSN EN 1340, Annex E	Concrete products	-
6.2.3	Determination of the indirect tensile strength	ČSN EN 1338, Annex F	Concrete products	-
6.2.4	Determination of bending strength and fracture load	ČSN EN 1339, Annex F	Concrete products	-
6.2.5	Determination of flexural strength	ČSN EN 1340, Annex F	Concrete products	-
6.2.6	Determination of abrasiveness – Böhme	ČSN EN 1338, Annex H; ČSN EN 1339, Annex H; ČSN EN 1340, Annex H; ČSN EN 13748-1, cl. 5.6.2; ČSN EN 13748-2, cl. 5.6.2	Concrete products	-
6.2.7	Determination of resistance to freezing/thawing	ČSN EN 1338, Annex D	Concrete products	-
6.2.8	Determination of resistance to freezing/thawing	ČSN EN 1339, Annex D	Concrete products	-
6.2.9	Determination of resistance to freezing/thawing	ČSN EN 1340, Annex D	Concrete products	-
6.2.10	Determination of cracks, peeling, structure, colours visually	ČSN EN 1339, Annex J	Concrete products	-
6.2.11	Determination of cracks, peeling, structure, colours visually	ČSN EN 1338, Annex J	Concrete products	-
6.2.12	Determination of cracks, peeling, structure, colours visually	ČSN EN 1340, Annex J	Concrete products	-
6.2.13	Determination of bending strength and fracture load	ČSN EN 13748-1, cl. 5.5	Concrete products	-
6.2.14	Determination of water absorption	ČSN EN 13748-1, cl. 5.8	Concrete products	-
6.2.15	Determination of bending strength and fracture load	ČSN EN 13748-2, cl. 5.5	Concrete products	-

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6.2.16	Determination of resistance to frost (chemical de-icing agents – C.D.A.)	ČSN EN 13748-2, cl. 5.9	Concrete products	-
6.2.17	Determination of slipperiness	ČSN EN 1338, Annex I; ČSN EN 1339, Annex I; ČSN EN 1340, Annex I; ČSN EN 13748-1; ČSN EN 13748-2	Concrete products	-
<b>6.3</b>	<b>Concrete building components and structures</b>			
6.3.1*	Determination of shapes, dimensions and appearance	ČSN 73 0212-5	Building components	-
6.3.2*	Determination of dimensions, shapes, top layer of reinforcement, crack width	ČSN EN 13369, Annex H; ČSN EN 13369:2013, Annex J	Concrete components	-
6.3.3*	Determination of dimensions, shapes, top layer of reinforcement, crack width	ČSN EN 12839 ed. 2	Fence elements	-
6.3.4*	Determination of dimensions, shapes, top layer of reinforcement, crack width	ČSN EN 15037-1	Concrete girders for ceiling structures	-
6.3.5*	Static loading test	ČSN EN 15037-1	Concrete girders for ceiling structures	-
6.3.6	Determination of shear load capacity	ČSN EN 1168+A3, Annex J	Hollow core slabs	-
6.3.7	Static loading test	ČSN EN 13230-2	Concrete sleepers	-
6.3.8	Determination of mass	ČSN 73 2045	Building components	-
6.3.9	Static loading test	ČSN EN 13230-4+A1	Concrete sleepers	-
6.3.10	Determination of water absorption	ČSN EN 13369, Annex F	Concrete components	
<b>6.4</b>	<b>Timber, timber components, timber based and fibre-cement products</b>			
6.4.1	Determination of mass per unit volume	ČSN EN 12467+A2, cl. 7.3.1	Fibre-cement flat sheets	
6.4.2	Determination of flexural strength	ČSN EN 12467+A2, cl. 7.3.2	Fibre-cement flat sheets	
6.4.3	Determination of water leaktightness	ČSN EN 12467+A2, cl. 7.3.3	Fibre-cement flat sheets	

**The Appendix is an integral part of  
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6.4.4	Determination of water vapour permeability	ČSN EN 12467+A2, cl. 7.3.4	Fibre-cement flat sheets	
6.4.5	Determination of bend change – hot water test	ČSN EN 12467+A2, cl. 7.3.5	Fibre-cement flat sheets	
6.4.6	Determination of bend change – absorption-drying test	ČSN EN 12467+A2, cl. 7.3.6	Fibre-cement flat sheets	
6.4.7	Test of changes of dimensions due to humidity	ČSN EN 12467+A2, cl. 7.3.7	Fibre-cement flat sheets	
6.4.8	Test of behaviour under climate conditions – freeze-thaw tests	ČSN EN 12467+A2, cl. 7.4.1	Fibre-cement flat sheets	
6.4.9	Test of behaviour under climate conditions – heat-rain tests	ČSN EN 12467+A2, cl. 7.4.2	Fibre-cement flat sheets	
6.4.10	Test of flexural strength	ČSN EN 1170, cl. 5	Glass-fibre reinforced concrete	-
6.4.11	Determination of mass per unit volume	ČSN EN 1170, cl. 6	Glass-fibre reinforced concrete	-
6.4.12	Cyclic weathering test	ČSN EN 1170, Annex C	Glass-fibre reinforced concrete	-
<b>6.5</b>	<b>Glass grids, geotextiles and geotextile-related products</b>			
6.5.1	Wide-width tensile test	ČSN EN ISO 10319	Geotextiles and geogrids	-
6.5.2	Determination of tensile strength and elongation	ČSN EN 13496 EAD 040016-01-0404, cl. 2.2.7	Glass grids, geotextiles and geotextile-related products	-
6.5.3	Determination of the ratio of organic material	EAD 040016-01-0404, cl. 2.2.2	Glass fibre mesh	-
6.5.4	Detection of mesh size	EAD 040016-01-0404, cl. 2.2.5	Glass fibre mesh	-
6.5.5	Determination of mass per unit area	EAD 040016-01-0404, cl. 2.2.8	Glass fibre mesh	-
<b>6.6</b>	<b>Materials, products and waterproofing systems</b>			
6.6.1	Determination of tensile properties	ČSN EN 12311-2	Sheets for waterproofing	-
6.6.2	Determination of watertightness	ČSN EN 14891 ed. 2	Liquid-applied water impermeable products used under ceramic tiling	-
<b>6.7</b>	<b>Chemical analyses of silicate and building products</b>			

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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6.7.1	Determination of loss in mass by drying by gravimetry	ČSN 72 0102	Silicate materials	-
6.7.2	Determination of loss on ignition by gravimetry	ČSN 72 0103	Silicate materials	-
6.7.3	Determination of silicon dioxide by defumigation with hydrofluoric acid by gravimetric method	ČSN 72 0105-2	Silicate materials	-
6.7.4	Determination of sulphate sulphur by gravimetry	ČSN 72 0117	Silicate materials	-
<b>6.8</b>	<b>Stone, aggregates, inactive concrete admixtures, soils</b>			
6.8.1	Determination of resistance to freezing/thawing	ČSN EN 1367-1	Aggregates	-
6.8.2	Determination of particle size distribution – sieving analysis	ČSN EN 933-1	Aggregates	-
6.8.3	Determination of particle shape - Shape index	ČSN EN 933-4	Aggregates	-
6.8.4	Determination of fine particle quality – sand equivalent test	ČSN EN 933-8+A1	Aggregates	-
6.8.5	Determination of fine particle quality – methylene blue test	ČSN EN 933-9	Aggregates	-
6.8.6	Test of grading of filler aggregates – air-jet sieving	ČSN EN 933-10	Aggregates	-
6.8.7	Classification of constituents	ČSN EN 933-11	Coarse recycled aggregates	-
6.8.8	Determination of resistance to fragmentation	ČSN EN 1097-2	Aggregates	-
6.8.9	Determination of loose bulk density and voids	ČSN EN 1097-3	Aggregates	-
6.8.10	Determination of the water content by drying in a ventilated oven	ČSN EN 1097-5	Aggregates	-
6.8.11	Determination of particle density and water absorption	ČSN EN 1097-6	Aggregates	-
6.8.12	Determination of particle density and water absorption	ČSN EN 1097-7	Aggregates	-

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Certificate of Accreditation No: 169/2026 of 07/04/2026**

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6.8.13	Determination of resistance by magnesium sulphate	ČSN EN 1367-2	Aggregates	-
6.8.14	Determination of potential content of humus particles by colorimetry	ČSN EN 1744-1+A1, cl. 8	Aggregates	-
6.8.15	Determination of water soluble chloride salts by Mohr method	ČSN EN 1744-1+A1, cl. 9	Aggregates	-
6.8.16	Determination of water-soluble sulphate by gravimetry	ČSN EN 1744-1+A1, cl. 10.1	Aggregates	-
6.8.17	Determination of total sulphur content by gravimetry	ČSN EN 1744-1+A1, cl. 11.1	Aggregates	-
6.8.18	Determination of acid-soluble sulphate by gravimetry	ČSN EN 1744-1+A1, cl. 12	Aggregates	-
6.8.19	Determination of potential content of humus particles by colorimetry	ČSN EN 1744-1+A1, cl. 15.1	Aggregates	-
6.8.20	Determination of alkali reaction, determination of shrinkage	ČSN 72 1179	Aggregates	-
6.8.21	Determination of alkali reaction, determination of shrinkage	ASTM C 1260-14:2014	Aggregates	-
6.8.22	Determination of abrasion resistance by Böhme method	ČSN EN 14157, chap. 4	Stone	-
6.8.23	Determination of flexural strength	ČSN EN 12326-2, chap. 10	Stone	-
6.8.24	Determination of water absorption	ČSN EN 12326-2, chap. 11	Stone	-
6.8.25	Determination of resistance to sulphur dioxide	ČSN EN 12326-2, chap. 14	Stone	-
6.8.26	Determination of temperature change resistance	ČSN EN 12326-2, chap. 15	Stone	-
6.8.27	Determination of flexural strength under concentrated load	ČSN EN 12372	Stone	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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**Technický a zkušební ústav stavební Praha, s.p.**  
CAB number 1018.3, Central Laboratory  
Nemanická 441, 370 10 České Budějovice

Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
6.8.28	Determination of water absorption coefficient by capillarity	ČSN EN 1925	Stone	-
6.8.29	Determination of compressive strength	ČSN EN 1926	Stone	-
6.8.30	Determination of real density and apparent density and of total and open porosity	ČSN EN 1936	Stone	-
6.8.31	Determination of water absorption	ČSN EN 13755	Stone	-
6.8.32	Determination of frost resistance	ČSN EN 12326-2, chap. 12; ČSN EN 12371, test A	Stone	-
6.8.33	Determination of polished stone	ČSN EN 1097-8	Aggregates	-
<b>6.9</b>	<b>Metallic materials and parts in construction</b>			
6.9.1	Tensile test	ČSN EN ISO 6892-1; ČSN EN ISO 15630-2, cl. 5	Metallic products	-
6.9.2	Test of steel weldability – shear strength	ČSN EN ISO 15630-2, cl. 7	Metallic products	-
6.9.3*	Determination of surface protection thickness	ČSN EN ISO 2178	Metallic products	-
6.9.4	Determination of coating mass by gravimetry	ČSN EN 10244-1, cl. 5.2.1; ČSN EN 10244-2, cl. 5.2.2	Metallic products	-
6.9.5	Salt spray test	ČSN EN ISO 9227, cl. 5.2.2	Metallic products	-
6.9.6	Determination of longitudinal tensile strength	ČSN EN 10223-3, cl. 9.3	Metallic mesh	-
<b>6.10</b>	<b>Mortars, mortar mixtures, renovation materials, screeds</b>			
6.10.1	Frost resistance test	ČSN 72 2452	Mortars	-
6.10.2	Determination of consistence by flow table	ČSN EN 1015-3	Fresh mortar	-
6.10.3	Determination of consistence by plunger penetration	ČSN EN 1015-4	Fresh mortar	-
6.10.4	Determination of mass per unit volume	ČSN EN 1015-6	Fresh mortar	-
6.10.5	Test of air content	ČSN EN 1015-7	Fresh mortar	-
6.10.6	Test of compressive strength	ČSN EN 1015-11, cl. 9	Hardened mortars	-

**The Appendix is an integral part of  
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**Technický a zkušební ústav stavební Praha, s.p.**

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6.10.7	Test of compressive strength	ČSN EN 13892-2, cl. 6.2	Screed materials	-
6.10.8	Test of flexural strength	ČSN EN 1015-11, cl. 8	Hardened mortars	-
6.10.9	Test of flexural strength	ČSN EN 13892-2, cl. 6.1	Screed materials	-
6.10.10*	Determination of adhesion	ČSN EN 1015-12	Hardened mortars	-
6.10.11	Determination of adhesion	ČSN EN 12004-2, cl. 8.3	Cement mortars and adhesives	-
6.10.12	Determination of water vapour permeability	ČSN EN 1015-19	Rendering and plastering mortars	-
6.10.13	Determination of adhesion to substrate	ČSN EN 1015-21	Mortars and one-coat rendering mortars	-
6.10.14	Determination of open time	ČSN EN 12004-2, cl. 8.1	Mortars and adhesives	-
6.10.15	Determination of abrasion resistance (Böhme)	ČSN EN 13892-3	Screed materials	-
6.10.16*	Determination of bleeding, volume changes, fluidity and compressive strength	ČSN EN 445, cl. 4.3.1, 4.3.2	Injection mortars	-
6.10.17	Determination of volume stability	ČSN 72 2453:1968	Mortars	-
6.10.18	Determination of water vapour transmission rate	ČSN 72 2454:1968	Mortars	-
6.10.19	Determination of shrinkage and expansion	ČSN EN 12617-4, cl. 6, 7	Products and systems for the protection and repair of concrete structures	-
6.10.20	Determination of compressive strength	ČSN EN 12190	Products and systems for the protection and repair of concrete structures	-
6.10.21	Determination of resistance to capillary absorption	ČSN EN 13057	Products and systems for the protection and repair of concrete structures	-
6.10.22	Measurement of bond strength by pull-off	ČSN EN 1542	Products and systems for the protection and repair of concrete structures	-
6.10.23	Determination of modulus of elasticity in compression	ČSN EN 13412	Products and systems for the protection and repair of concrete structures	-
6.10.24	Determination of thermal compatibility – Thermal cycling without de-icing salt impact	ČSN EN 13687-3	Products and systems for the protection and repair of concrete structures	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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<b>6.11</b>	<b>Tanks, reservoirs, septic tanks, water treatment plants</b>			
6.11.1*	Determination of watertightness	ČSN 75 0905	Tanks	-
<b>6.12</b>	<b>Draining elements</b>			
6.12.1*	Load test	ČSN EN 1253-2, cl. 5.3	Gullies for buildings	-
6.12.2	Determination of dimensions and shape	ČSN EN 124-1, cl. 8.4	Gully tops and manhole tops	-
6.12.3	Load test	ČSN EN 1433 cl. 9.1	Drainage channels for vehicular and pedestrian areas	-
6.12.4	Determination of dimensions and shape	ČSN EN 1433, cl. 9.3	Drainage channels for vehicular and pedestrian areas	-
6.12.5	Determination of resistance to frost and chemical de-icing agents	ČSN EN 1433, Annex C	Drainage channels for vehicular and pedestrian areas	-
6.12.6	Determination of permanent set	ČSN EN 124-1, Annex A	Gully tops and manhole tops	-
6.12.7	Determination of load-bearing capacity	ČSN EN 124-1, Annex B	Gully tops and manhole tops	-
6.12.8	Determination of slipperiness	ČSN EN 124-1, Annex C	Gully tops and manhole tops	-
6.12.9	Determination of tilt height	ČSN EN 124-1, Annex D	Gully tops and manhole tops	-
6.12.10	Determination of removal vertical force and vertical displacement	ČSN EN 124-1, Annex E	Gully tops and manhole tops	-
6.12.11	Determination of load bearing capacity after fatigue test load	ČSN EN 124-5, cl. 6.3	Gully tops and manhole tops	-
6.12.12	Determination of load bearing capacity after water absorption	ČSN EN 124-5, cl. 4.3.3	Gully tops and manhole tops	-
6.12.13	Determination of load bearing capacity after immersion in vehicle fuel	ČSN EN 124-5, cl. 4.3.4	Gully tops and manhole tops	-
6.12.14	Determination of deflection under load	ČSN EN 124-3, Annex A; ČSN EN 124-5, Annex A; ČSN EN 124-6, Annex B	Gully tops and manhole tops	-
<b>6.13</b>	<b>Plastics and composites</b>			

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

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6.13.1	Determination of tensile properties	ČSN EN ISO 527-1; ČSN EN ISO 527-3	Plastics, composites	-
6.13.2	Determination of the tensile strength, modulus of elasticity, elongation	ISO 10406-1, chap. 6; EAD 260023-00-0301, cl. 2.2.2	Fibre-reinforced polymer bars	-
6.13.3	Determination of the nominal cross-sectional area of a sample	ISO 10406-1, chap. 5; EAD 260023-00-0301, cl. 2.2.1	Fibre-reinforced polymer bars	-
6.13.4	Determination of the bond strength with concrete	ISO 10406-1, chap. 7; EAD 260023-00-0301, cl. 2.2.4	Fibre-reinforced polymer bars	-
6.13.5	Determination of tensile fatigue	ISO 10406-1, chap. 10; EAD 260023-00-0301, cl. 2.2.7	Fibre-reinforced polymer bars	-
6.13.6	Determination of shear strength	ISO 10406-1, chap. 13; EAD 260023-00-0301, cl. 2.2.5	Fibre-reinforced polymer bars	-
6.13.7	Determination of alkali resistance	ISO 10406-1, chap. 11; EAD 260023-00-0301, cl. 2.2.16	Fibre-reinforced polymer bars	-
6.13.8	Determination of interlaminar shear strength	EAD 260023-00-0301, cl. 2.2.6, Annex B	Fibre-reinforced polymer bars	
6.13.9	Determination of compressive strength	EAD 260023-00-0301, cl. 2.2.3	Fibre-reinforced polymer bars	
6.13.10	Determination of the content of glass fibres	ČSN EN ISO 1172	Fibre-reinforced polymer bars	-
6.13.11	Determination of tensile properties	ČSN EN ISO 527-4	Fibre-reinforced polymer bars	-
<b>6.14</b>	<b>Construction cements, fly ash, slags, stabilization of soils, bitumens</b>			
6.14.1	Determination of normal consistency and setting time	ČSN EN 196-3, cl. 1 to 6	Cement	-
6.14.2	Determination of volume stability	ČSN EN 196-3, cl. 7	Cement	-
6.14.3	Determination of strength	ČSN EN 196-1	Cement	-
6.14.4	Determination of density by pycnometry	ČSN 72 2113, cl. 10 to 16	Cement	-
6.14.5	Determination of fineness by sieving method	ČSN EN 196-6, cl. 3.1 to 3.5	Cement	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
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6.14.6	Determination of fineness by permeable method	ČSN EN 196-6, cl. 4.1 to 4.10	Cement	-
6.14.7	Determination of the loss on ignition by gravimetry	ČSN EN 196-2, cl. 4.4.1	Cement	-
6.14.8	Determination of the residue insoluble in hydrochloric acid and sodium carbonate, potassium hydroxide by gravimetry	ČSN EN 196-2, cl. 4.4.3, 4.4.4	Cement	-
6.14.9	Determination of silicon dioxide by gravimetry	ČSN EN 196-2, cl. 4.5.5, 4.5.3	Cement	-
6.14.10	Determination of calcium oxide by titration	ČSN EN 196-2, cl. 4.5.14	Cement	-
6.14.11	Determination of magnesium oxide by titration	ČSN EN 196-2, cl. 4.5.15	Cement	-
6.14.12	Determination of chlorides by titration	ČSN EN 196-2, cl. 4.5.16	Cement	-
6.14.13	Determination of sulphur content in the form of SO <sub>3</sub> by gravimetry	ČSN EN 196-2, cl. 4.4.2	Cement	-
6.14.14	Determination of silicon dioxide by gravimetry	ČSN 72 0105-1	Ash, cinder, slag and other silicate materials	-
6.14.15	Determination of silicon dioxide by gravimetry	ČSN 72 0106	Ash, cinder, slag and other silicate materials	-
6.14.16	Determination of acid-indecomposable share by gravimetry	ČSN 72 0107	Ash, cinder, slag and other silicate materials	-
6.14.17	Determination of R <sub>2</sub> O <sub>3</sub> by gravimetric method	ČSN 72 0108:1974	Ash, cinder, slag and other silicate materials	-
6.14.18	Determination of grain size	ČSN EN 459-2, cl. 7.1, 7.2	Lime	-
6.14.19	Determination of reactivity	ČSN EN 459-2, cl. 7.6	Lime	-
6.14.20	Determination of volume stability	ČSN EN 459-2, cl. 7.4	Lime	-
6.14.21	Determination of consistency, penetration, water retention and air content by standard mortar test	ČSN EN 459-2, cl. 7.8 to 7.10	Lime	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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**Technický a zkušební ústav stavební Praha, s.p.**

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6.14.22	Determination of the loss on ignition by gravimetry	ČSN EN 459-2, cl. 6.8	Lime	-
6.14.23	Determination of SiO <sub>2</sub> , CaO, MgO by titration	ČSN EN 459-2, cl. 6.3	Lime	-
6.14.24	Determination of sulphur content in the form of SO <sub>3</sub> by gravimetry	ČSN EN 459-2, cl. 6.4	Lime	-
6.14.25	Determination of efficiency	ČSN EN 459-2, cl. 7.7	Lime	-
6.14.26	Determination of free water and loss by drying by gravimetry	ČSN EN 459-2, cl. 6.5	Lime	-
6.14.27	Determination of bulk density	ČSN EN 459-2, cl. 7.3	Lime	-
6.14.28	Determination of fineness of grinding	ČSN 72 1213	Limestone, dolomite	-
<b>6.15</b>	<b>Gypsum and gypsum products, rock gypsum, anhydride, MgO based panels</b>			
6.15.1	Determination of flexural strength	ČSN EN 13279-2, cl. 4.5.4	Gypsum binders and gypsum plasters for interior plastering	-
6.15.2	Determination of compressive strength	ČSN EN 13279-2, cl. 4.5.5	Gypsum binders and gypsum plasters for interior plastering	-
6.15.3	Determination of consistence and workable life	ČSN EN 13279-2, cl. 4.3.3	Gypsum binders and gypsum plasters for interior plastering	-
6.15.4	Determination of workable life	ČSN EN 13454-2, cl. 5.6	Screeds based on calcium sulfate	-
6.15.5	Determination of compressive strength and flexural strength	ČSN EN 13454-2, cl. 5.4	Screeds based on calcium sulfate	-
<b>6.16</b>	<b>Construction and sanitary ceramics</b>			
6.16.1*	Determination of slip resistance	ČSN P CEN/TS 16165, Annex C; ČSN EN 13036-4; ČSN EN 14231	Floor coverings, pedestrian surfaces	-
<b>6.17</b>	<b>Cements, adhesives, jointing materials, paints and coatings, surface finishes</b>			
6.17.1*	Determination of adhesion	ČSN 73 2577	Surface finish	-
6.17.2*	Determination of watertightness	ČSN 73 2578	Surface finish	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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6.17.3	Determination of frost resistance	ČSN 73 2579	Surface finish	-
6.17.4	Determination of resistance to rapid temperature changes	ČSN 73 2581	Surface finish	-
6.17.5	Determination of water vapour transmission rate	ČSN EN ISO 7783	Surface finish	-
6.17.6	Determination of water permeability	ČSN EN 1062-3	Surface finish	-
6.17.7*	Determination of thickness	ČSN EN ISO 2808, cl. 5.5.6, 5.5.7	Surface finish	-
6.17.8	Determination of flexural and compressive strength	ČSN EN 13888-2	Grouts for tiles	-
6.17.9	Determination of shrinkage	ČSN EN 13888-2	Grouts for tiles	-
6.17.10	Determination of water absorption	ČSN EN 13888-2	Grouts for tiles	-
6.17.11*	Determination of thickness	ČSN EN ISO 2360	Surface finish	-
<b>6.18</b>	<b>Thermal insulation materials and products, thermal tests</b>			
6.18.1	Determination of tensile strength perpendicular to faces	ČSN EN 1607	Thermal insulation materials and products	-
6.18.2	Determination of water vapour transmission rate	ČSN EN 12086	Thermal insulation materials and products	-
6.18.3	Reaction to fire tests – determination of the gross heat of combustion (calorific value)	ČSN EN ISO 1716	Thermal insulation materials and products	-
6.18.4	Reaction to fire tests – Single-flame source test	ČSN EN ISO 11925-2	Building materials and products	-
6.18.5	Determination of mass per unit volume	ČSN EN 1602:2013; ČSN EN ISO 29470	Thermal insulation materials and products	-
6.18.6	Determination of length and width	ČSN EN 822:2013; ČSN EN ISO 29465	Thermal insulation materials and products	-
6.18.7	Determination of thickness	ČSN EN 823:2013; ČSN EN ISO 29466	Thermal insulation materials and products	-
6.18.8	Determination of linear dimensions of test specimens	ČSN EN 12085:2013; ČSN EN ISO 29768	Thermal insulation materials and products	-
6.18.9	Determination of mass per unit volume	EAD 040083-00-0404, Annex F, cl. 3.1;	Construction foams	-

**The Appendix is an integral part of  
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		ČSN EN 17333-1, cl. 4.3		
6.18.10	Detection of open time	EAD 040083-00-0404, Annex F, cl. 3.2; ČSN EN 17333-1, cl. 4.2	Construction foams	-
6.18.11	Determination of hardening time	EAD 040083-00-0404, Annex F, cl. 3.3; ČSN EN 17333-1, cl. 4.1	Construction foams	-
6.18.12	Determination of foam adhesion to substrate and insulator	EAD 040083-00-0404, Annex F, cl. 4.1, 4.2.1, 4.2.2, 4.2.3.1, 4.2.3.2	Construction foams	-
<b>6.19</b>	<b>Thermal insulation systems</b>			
6.19.1	Determination of adhesion to the substrate	EAD 040287-00-0404, cl. 2.2.8; EAD 040083-00-0404, cl. 2.2.11, 2.2.20	Adhesive and screed materials for ETICS	-
6.19.2	Determination of frost resistance	EAD 040287-00-0404, cl. 2.2.5.2; EAD 040083-00-0404, cl. 2.2.7	Mortars	-
6.19.3	Determination of water absorption	EAD 040287-00-0404, cl. 2.2.3; EAD 040083-00-0404, cl. 2.2.5.1	ETICS	-
6.19.4	Determination of the pull-through resistance of anchors through insulation	EAD 040287-00-0404, cl. 2.2.12; EAD 040083-00-0404, cl. 2.2.13.1; ČSN EN 16382	ETICS	-
6.19.5	Determination of mass per unit volume	EAD 040287-00-0404, cl. L.1.1; EAD 040083-00-0404, cl. A.6.1	Adhesive and screed materials, plasters and liquids – ETICS	-
6.19.6	Determination of dry matter by gravimetry	EAD 040287-00-0404, cl. L.3; EAD 040083-00-0404, cl. A.6.5	Plasters and liquids – ETICS	-
6.19.7	Determination of ash content by gravimetry	EAD 040287-00-0404, cl. L.4.1; EAD 040083-00-0404, cl. A.6.6	Pastes and liquids – ETICS	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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6.19.8	Determination of resistance to impact – coating impact test	EAD 040083-00-0404, cl. 2.2.8; ČSN EN 13497+A1	ETICS	-
6.19.9	Determination of water vapour diffusion	EAD 040083-00-0404, cl. 2.2.9.1	Surface treatment - outer layers	-
6.19.10	Determination of tensile strength under normal conditions and after artificial ageing	EAD 040083-00-0404, cl. 2.2.21.1, 2.2.21.2	Mesh – ETICS	-
6.19.11	Determination of ash content by gravimetry	EAD 040083-00-0404, cl. A.8.1	Mesh – ETICS	-
6.19.12	Determination of mass per unit area	EAD 040083-00-0404, cl. A.8.2	Reinforcement mesh – ETICS	-
6.19.13	Determination of mesh size and number of fibres	EAD 040083-00-0404, cl. A.8.3	Mesh – ETICS	-
6.19.14	Determination of resistance to horizontal point loads	EAD 090062-01-0404, Annex F	Ventilated façades	-
6.19.15	Determination of hard and soft body impact resistance	EAD 090062-01-0404, Annex G	Ventilated façades	-
6.19.16	Determination of break resistance of a grooved cladding element	EAD 090062-01-0404, Annex H.1	Ventilated façades	-
6.19.17	Creep test (determination of behaviour under long term load)	EAD 090062-01-0404, Annex H.2	Ventilated façades	-
6.19.18	Determination of pull-through resistance of a fixing through a cladding element	EAD 090062-01-0404, Annex I.1	Ventilated façades	-
6.19.19	Determination of pull-through resistance of a fixing under shear load	EAD 090062-01-0404, Annex I.2	Ventilated façades	-
6.19.20	Determination of pull-out resistance of a fixing through a cladding element under combined tensile and shear loads	EAD 090062-01-0404, Annex I.3	Ventilated façades	-
6.19.21	Determination of suspended kit break resistance	EAD 090062-01-0404, Annex I.4	Ventilated façades	-

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6.19.22	Determination of resistance to vertical load	EAD 090062-01-0404, Annex J.1	Ventilated façades	-
6.19.23	Determination of pull-through resistance of a fixing through a profile	EAD 090062-01-0404, Annex J.2	Ventilated façades	-
6.19.24	Determination of metal clip break resistance	EAD 090062-01-0404, Annex J.3	Ventilated façades	-
6.19.25	Determination of resistance to freeze-thaw cycles	EAD 090062-01-0404, Annex K.1; EAD 090062-01-0404, Annex M.3; EAD 090019-01-0404, cl. 2.2.7.2	Ventilated façades	-
6.19.26	Determination of shear load resistance of a fixing in lower supporting structure	EAD 090062-01-0404, Annex K.2	Ventilated façades	-
6.19.27	Determination of bracket resistance to vertical load (dead weight) and horizontal load (wind suction)	EAD 090062-01-0404, Annex L	Ventilated façades	-
6.19.28	Determination of hygrothermal behaviour	EAD 090062-01-0404, Annex M.1; EAD 040083-00-0404, cl. 2.2.6	Ventilated façades, ETICS	-
6.19.29	Determination of resistance to pulsating load cycles	EAD 090062-01-0404, Annex M.2	Ventilated façades	-
6.19.30	Determination of adhesion of core at high temperature	EAD 090019-01-0404, cl. 2.2.2	Ventilated façades	-
6.19.31	Determination of water absorption	EAD 090019-01-0404, cl. 2.2.3	Ventilated façades	-
6.19.32	Determination of impact resistance	EAD 090019-01-0404, cl. 2.2.5	Ventilated façades	-
6.19.33	Determination of bond strength	EAD 090019-01-0404, cl. 2.2.6.1, Annex E	Ventilated façades	-
6.19.34	Determination of hygrothermal behaviour	EAD 090019-01-0404, cl. 2.2.7.1	Ventilated façades	-
6.19.35	Determination of resistance to vertical load	EAD 090034-01-0404, cl. 2.2.4, Annex A	Ventilated façades	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
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<b>Ordinal number<sup>1</sup></b>	<b>Test procedure / method name</b>	<b>Test procedure / method identification<sup>2</sup></b>	<b>Tested subject</b>	<b>Degrees of freedom<sup>3</sup></b>
6.19.36	Determination of resistance to vertical load of fasteners for cladding	EAD 090034-01-0404, cl. 2.2.5.1	Ventilated façades	-
6.19.37	Determination of resistance to horizontal load of fasteners for cladding	EAD 090034-01-0404, cl. 2.2.5.2	Ventilated façades	-
6.19.38	Determination of resistance to pulsating load of fasteners for cladding	EAD 090034-01-0404, cl. 2.2.5.3	Ventilated façades	-
6.19.39	Determination of brackets resistance to horizontal pulsating load	EAD 090034-01-0404, cl. 2.2.6.3	Ventilated façades	-
6.19.40	Determination of brackets resistance to permanent vertical load	EAD 090034-01-0404, cl. 2.2.6.4	Ventilated façades	-
6.19.41	Determination of brackets resistance to freeze-thaw cycles	EAD 090034-01-0404, cl. 2.2.6.5	Ventilated façades	-
6.19.42	Determination of brackets resistance to immersion in water	EAD 090034-01-0404, cl. 2.2.6.6	Ventilated façades	-
6.19.43	Determination of brackets resistance to aging under temperature and high humidity	EAD 090034-01-0404, cl. 2.2.6.7	Ventilated façades	-
6.19.44	Determination of brackets resistance to soft body impact	EAD 090034-01-0404, cl. 2.2.6.8	Ventilated façades	-
6.19.45	Determination of tensile properties	EAD 210046-00-1201, cl. 2.2.2	Composite façade panels	-
6.19.46	Determination of tensile strength perpendicular to faces	EAD 210046-00-1201, cl. 2.2.3 and Annex A	Composite façade panels	-
6.19.47	Determination of flexural strength	EAD 210046-00-1201, cl. 2.2.4	Composite façade panels	-
6.19.48	Determination of shear properties	EAD 210046-00-1201, cl. 2.2.5, Annex B	Composite façade panels	-
6.19.49	Determination of thickness	EAD 210046-00-1201, cl. 2.2.6	Composite façade panels	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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6.19.50	Determination of torque peel strength	EAD 210046-00-1201, cl. 2.2.8	Composite façade panels	-
6.19.51	Determination of hard body impact resistance	EAD 210046-00-1201, cl. 2.2.9, Annex C	Composite façade panels	-
6.19.52	Determination of hygrothermal behaviour	EAD 210046-00-1201, cl. 2.2.12.1	Composite façade panels	-
6.19.53	Determination of resistance to immersion in boiling water	EAD 210046-00-1201, cl. 2.2.12.2	Composite façade panels	-
6.19.54	Determination of resistance to immersion in water	EAD 210046-00-1201, cl. 2.2.12.3	Composite façade panels	-
6.19.55	Determination of resistance to freeze-thaw cycles	EAD 210046-00-1201, cl. 2.2.12.4	Composite façade panels	-
6.19.56	Determination of resistance to long term exposure to heat	EAD 210046-00-1201, cl. 2.2.12.5	Composite façade panels	-
6.19.57	Creep test (determination of behaviour under long term load)	EAD 210046-00-1201, cl. 2.2.12.6, Annex D	Composite façade panels	-
6.19.58	Determination of impact resistance	ETAG 017, cl. 5.4.5.1, 5.4.5.2, 5.4.5.3	Ventilated façades	-
6.19.59	Determination of thermal-humidity behaviour	ČSN EN 16383	ETICS	-
6.19.60	Determination of the pull-off resistance by foam block test	ČSN EN 13495	ETICS	-
6.19.61	Pressure test	ČSN EN ISO 29469	ETICS	-
<b>6.20</b>	<b>Loading tests of bridges, building structure and floors</b>			
6.20.1*	Loading tests	ČSN 73 6209	Bridges	-
6.20.2	Determination of impact resistance	ČSN 74 3305, Annex B	Railings	-
6.20.3*	Static loading tests	ČSN 73 2030, Annex A, B, C	Building structures and their parts	-
<b>6.21</b>	<b>Masonry, hardware, partition walls, ceilings, floors</b>			
6.21.1	Determination of resistance to soft body impact load	EAD 210005-00-0505, cl. 2.2.6.1	Internal partition kits	-
6.21.2	Determination of resistance to hard body impact load	EAD 210005-00-0505, cl. 2.2.6.2	Internal partition kits	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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6.21.3	Determination of compressive strength	ČSN EN 1052-1	Masonry	-
6.21.4	Determination of flexural strength	ČSN EN 1052-2	Masonry	-
6.21.5	Determination of initial shear strength	ČSN EN 1052-3	Masonry	-
6.21.6	Determination of tensile and compressive load capacity and load displacement characteristics of wall ties	ČSN EN 846-5	Ancillary components for masonry	-
6.21.7	Determination of tensile and compressive load capacity and load displacement characteristics of wall ties (single end test)	ČSN EN 846-6	Ancillary components for masonry	-
6.21.8*	Determination of flexural resistance and shear resistance	ČSN EN 846-9 ed. 2	Ancillary components for masonry, lintels	-
6.21.9*	Determination of dimensions and bow	ČSN EN 846-11	Ancillary components for masonry, lintels	-
6.21.10	Bend test	ČSN EN 13964 ed. 2, cl. 5.2	Metal profiles of suspended ceilings	-
6.21.11	Static test, functionality test	ČSN EN 13964 ed. 2, cl. 5.3	Metal hinges and connecting parts of suspended ceilings	-
6.21.12	Determination of impact resistance	ISO 7892	Ventilated facades, partition walls, hand rails	-
6.21.13	Determination of small hard body impact resistance	EOTA TR 001, cl. 3	Ventilated facades, partition walls, hand rails	-
<b>6.22</b>	<b>Masonry units, permanent formwork, ceiling elements, burnt and concrete roofing</b>			
6.22.1	Determination of water permeability	ČSN EN 539-1, cl. 6	Clay roofing tiles	-
6.22.2	Determination of dimensions	ČSN EN 772-16	Masonry units	-
6.22.3	Determination of compressive strength and flexural strength	ČSN 72 2605, cl. 21 to 28	Masonry materials and clay roofing tiles	-
6.22.4	Determination of flexural strength	ČSN EN 538	Masonry materials and clay roofing tiles	-
6.22.5	Determination of fracture load	ČSN 72 2642, cl. 13	Brick products, ceiling materials	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**

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6.22.6	Determination of frost resistance	ČSN 72 2601, Annex A	Brick products	-
6.22.7	Determination of frost resistance	ČSN EN 539-2	Clay roofing tiles	-
6.22.8	Determination of frost resistance	ČSN EN 772-18	Masonry units	-
6.22.9	Testing of dimensional tolerances and mass	ČSN EN 491, cl. 5.2 to 5.5	Concrete roofing tiles	-
6.22.10	Determination of percentage area of voids (by paper indentation)	ČSN EN 772-2	Concrete masonry units	-
6.22.11	Determination of net volume and percentage of voids and material by filling the voids with sand	ČSN EN 772-9	Calcium silicate masonry units	-
6.22.12	Determination of geometrical characteristics	ČSN EN 1024	Clay roofing tiles	-
6.22.13	Determination of moisture content	ČSN EN 772-10	Calcium silicate and autoclaved aerated concrete units	-
6.22.14	Determination of water absorption by boiling in water	ČSN EN 772-7	Burnt masonry elements for damp proof course units	-
6.22.15	Determination of water absorption due to capillary action and the initial rate of water absorption	ČSN EN 772-11	Concrete masonry units and burnt masonry units	-
6.22.16	Determination of cold water absorption	ČSN EN 772-21	Masonry units	-
6.22.17	Determination of net volume and percentage of voids by hydrostatic weighing	ČSN EN 772-3	Masonry units	-
6.22.18	Determination of mass per unit volume	ČSN EN 772-13	Masonry units	-
6.22.19	Determination of transversal fracture load	ČSN EN 1344, Annex D	Clay pavers	-
6.22.20	Determination of geometrical characteristics	ČSN EN 1344, Annex B	Clay pavers	-
6.22.21	Determination of moisture movement	ČSN EN 772-14	Masonry units	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
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6.22.22	Determination of mass, bulk density and water absorption	ČSN 72 2603	Brick products	-
6.22.23	Determination of susceptibility to efflorescence	ČSN 72 2608	Brick products	-
6.22.24	Determination of flatness of faces	ČSN EN 772-20	Masonry units	-
6.22.25	Bending strength	ČSN EN 772-6	Masonry units, concrete masonry units	-
6.22.26*	Determination of appearance and dimensions	ČSN 72 2602	Brick products	-
6.22.27	Measurement of surface dimensions and characteristics	ČSN EN 15037-2+A1, cl. 5.1 ČSN EN 15037-3+A1, cl. 5.1	Beam-and-block floor systems	-
6.22.28	Determination of resistance to concentric load	ČSN EN 15037-3+A1, cl. 5.2.1	Beam-and-block floor systems	-
6.22.29	Determination of flexural strength	ČSN EN 15037-2+A1, cl. 5.2.2 ČSN EN 15037-3+A1, cl. 5.2.2	Beam-and-block floor systems	-
6.22.30	Determination of compressive strength in longitudinal direction	ČSN EN 15037-2+A1, cl. 5.2.3	Beam-and-block floor systems	-
6.22.31	Determination of compressive strength in longitudinal direction	ČSN EN 15037-3+A1, cl. 5.2.3	Beam-and-block floor systems	-
6.22.32	Determination of the indirect strength	ČSN EN 15037-2+A1, cl. 5.2.4 ČSN EN 15037-3+A1, cl. 5.2.4	Beam-and-block floor systems	-
6.22.33	Determination of presence of lime nodules	ČSN 72 2607	Brick products	-
6.22.34	Determination of compressive strength	ČSN EN 772-1+A1	Masonry units	-
6.22.35	Determination of water permeability	ČSN EN 491, cl. 5.7	Concrete roofing tiles	-
6.22.36	Determination of mechanical resistance (transverse load bearing capacity)	ČSN EN 491, cl. 5.6	Concrete roofing tiles	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
Nemanická 441, 370 10 České Budějovice

Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
6.22.37	Frost resistance test	ČSN EN 491, cl. 5.8	Concrete roofing tiles	-
6.22.38	Determination of moisture expansion	ČSN EN 772-19	Masonry units	-
6.22.39	Determination of susceptibility to efflorescence	ČSN 72 2642, cl. 10	Brick products	-
6.22.40	Determination of the presence of lime nodules	ČSN 72 2642, cl. 9	Brick products	-
6.22.41	Determination of moisture expansion	ČSN 72 2642, cl. 8	Brick products	-
6.22.42	Determination of resistance to concentric load	ČSN EN 15037-2+A1, cl. 5.2.1	Beam-and-block floor systems	-
6.22.43	Determination of mass	ČSN 72 2642, cl. 6	Brick products	-
6.22.44	Determination of water absorption at boiling	ČSN 72 2642, cl. 7	Brick products	-
6.22.45	Determination of water absorption and initial water absorption	ČSN EN 771-1+A1, Annex C	Masonry units	-

<sup>1</sup> asterisk at the ordinal number identifies the tests, which the laboratory is qualified to carry out outside the permanent laboratory premises

<sup>2</sup> 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 valid edition of the specified procedure is used (including any changes)

<sup>3</sup> the laboratory does not apply a flexible approach to the scope of accreditation.

**Sampling:**

Ordinal number	Sampling procedure name	Sampling procedure identification <sup>1</sup>	Subject of sampling
6.1	Fresh concrete sampling	ČSN EN 12350-1	Fresh concrete
6.2	Hardened concrete sampling	ČSN EN 12504-1, cl. 6	Hardened concrete
6.3	Aggregate sampling	ČSN EN 932-1	Aggregates

<sup>1</sup> if the document identifying the sampling procedure is dated, only these specific procedures are used. If the document identifying the sampling procedure is not dated, the latest valid edition of the specified procedure is used (including any changes)

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**  
CAB number 1018.3, Central Laboratory  
Nemanická 441, 370 10 České Budějovice

**7. Testing Laboratory in Ostrava (0700)**

**Tests:**

<b>Ordinal number<sup>1</sup></b>	<b>Test procedure / method name</b>	<b>Test procedure / method identification<sup>2</sup></b>	<b>Tested subject</b>	<b>Degrees of freedom<sup>3</sup></b>
<b>7.1</b>	<b>Concrete, admixtures and fibres for concrete</b>			
7.1.1*	Slump test	ČSN EN 12350-2	Fresh concrete	-
7.1.2*	VeBe test	ČSN EN 12350-3	Fresh concrete	-
7.1.3*	Determination of mass per unit volume	ČSN EN 12350-6	Fresh concrete	-
7.1.4*	Determination of air content by pressure method	ČSN EN 12350-7, cl. 6	Fresh concrete	-
7.1.5	Determination of suitability – initial assessment, humic substances	ČSN EN 1008, cl. 6.1.1, 6.1.2	Concrete mixing water	-
7.1.6	Frost resistance test	ČSN 73 1322	Hardened concrete	-
7.1.7	Determination of the shape and dimensions of specimens	ČSN EN 12390-1	Hardened concrete	-
7.1.8	Determination of compressive strength of test specimens	ČSN EN 12390-3	Hardened concrete	-
7.1.9	Determination of flexural strength of test specimens	ČSN EN 12390-5	Hardened concrete	-
7.1.10	Determination of the indirect tensile strength of test specimens	ČSN EN 12390-6	Hardened concrete	-
7.1.11	Determination of density of hardened concrete	ČSN EN 12390-7	Hardened concrete	-
7.1.12	Determination of depth of penetration of water under pressure	ČSN EN 12390-8	Hardened concrete	-
7.1.13*	Determination of hardness by Schmidt rebound tester	ČSN 73 1370	Hardened concrete	-
7.1.14*	Determination of compressive strength by hardness testing methods (Schmidt N. L.)	ČSN 73 1373; ČSN 73 2011	Hardened concrete	-
7.1.15	Determination of capillary absorption	ČSN EN 480-5	Concrete and mortar additives	-

**The Appendix is an integral part of  
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CAB number 1018.3, Central Laboratory  
Nemanická 441, 370 10 České Budějovice

Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
7.1.16	Determination of fibre content	ČSN EN 14721+A1	Fresh and hardened concrete with metal and polymer fibres	-
7.1.17	Determination of general suitability of fibres for use in concrete	ČSN EN 14845-1	Metallic and polymer fibre-reinforced concrete	-
7.1.18	Determination of the effect of fibres on the residual flexural strength	ČSN EN 14845-2	Metallic and polymer fibre-reinforced concrete	-
7.1.19	Determination of the effect of fibres on concrete	ČSN EN 1766 ed. 2, cl. 4, 5, 6, 8	Metallic and polymer fibre-reinforced concrete	-
7.1.20	Determination of flexural tensile strength – limit of proportionality, residual strength	ČSN EN 14651+A1	Metallic fibre-reinforced concrete	-
7.1.21	Determination of dry bulk density	ČSN EN 678	Autoclaved concrete	-
7.1.22	Determination of compression strength, flexural strength and concentric compressive strength	ČSN EN 679	Aerated concrete	-
7.1.23	Determination of flexural strength during drying	ČSN EN 1351, cl. 5 to 7	Autoclaved aerated concrete	-
7.1.24	Determination of moisture content by gravimetry	ČSN EN 1353, cl. 5 to 7	Autoclaved aerated concrete	-
7.1.25*	Determination of adhesion, tensile strength and impermeability	ČSN 73 6242, Annex B	Bridges – surface layers	-
<b>7.2</b>	<b>Small concrete products</b>			
7.2.1	Determination of resistance to freezing/thawing	ČSN EN 1338, Annex D; ČSN EN 1339, Annex D; ČSN EN 1340, Annex D	Concrete products	-
7.2.2	Determination of abrasiveness – Böhme	ČSN EN 1340, Annex H; ČSN EN 13748-1, cl. 5.6.2; ČSN EN 13748-2, cl. 5.6.2	Concrete products	-
7.2.3	Determination of dimensions	ČSN EN 13748-1, cl. 5.2, 5.3, 5.4	Concrete products	-
7.2.4	Determination of flexural strength and fracture load	ČSN EN 13748-1, cl. 5.5	Concrete products	-

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**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
Nemanická 441, 370 10 České Budějovice

Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
7.2.5	Determination of water absorption	ČSN EN 13748-1, cl. 5.8	Concrete products	-
7.2.6	Determination of dimensions	ČSN EN 13748-2, cl. 5.2, 5.3, 5.4	Concrete products	-
7.2.7	Determination of bending strength and fracture load	ČSN EN 13748-2, cl. 5.5	Concrete products	-
7.2.8	Determination of resistance to frost (chemical de-icing agents)	ČSN EN 13748-2, cl. 5.9	Concrete products	-
<b>7.3</b>	<b>Concrete building components and structures</b>			
7.3.1	Determination of shapes, dimensions and appearance	ČSN 73 0212-5	Building components	-
7.3.2	Determination of dimensions and surface characteristics, weight and top layer of reinforcement	ČSN EN 13369, Annex H; ČSN EN 13369:2013, cl. 5.2, 5.3, Annex J	Concrete components	-
7.3.3	Determination of water absorption	ČSN EN 13369, Annex F; ČSN EN 13369:2013, cl. 5.1.2, Annex G	Concrete components	-
7.3.4	Determination of dimensions, shapes, top layer of reinforcement, crack width	ČSN EN 12839 ed. 2	Fence elements	-
7.3.5	Determination of dimensions, shapes, top layer of reinforcement, crack width	ČSN EN 15037-1, cl. 5.2	Concrete girders for ceiling structures	-
7.3.6	Static loading test	ČSN EN 15037-1, cl. 5.4	Concrete girders for ceiling structures	-
7.3.7	Determination of dimensions	ČSN EN 991	Lightweight and aerated concrete components	-
7.3.8	Tests of strength and load bearing capacity	ČSN EN 1916, Annex C, D	Concrete pipes	-
7.3.9	Tests of strength and load bearing capacity	ČSN EN 1917, Annex A, B, C, D, E	Concrete manholes	-
7.3.10	Determination of total water absorption	ČSN EN 1916, Annex F	Concrete pipes	-
7.3.11	Determination of total water absorption	ČSN EN 1917, Annex D	Concrete manholes	-

**The Appendix is an integral part of  
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Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
7.3.12	Determination of watertightness	ČSN EN 1916, Annex E	Concrete pipes	-
7.3.13	Determination of shear load capacity	ČSN EN 1168+A3, cl. 6.4, 8, Annex J	Hollow core slabs	-
7.3.14	Determination of dimensional characteristics	ČSN EN 1168+A3, cl. 5.3	Hollow core slabs	-
7.3.15	Determination of load capacity and the total bearing capacity	ČSN EN 12839 ed. 2, Annex B	Fence elements	-
7.3.16	Determination of mass	ČSN 73 2045	Building components	-
7.3.17	Determination of dimensional characteristics	ČSN EN 639	Concrete pipes	-
7.3.18	Determination of dimensional characteristics	ČSN EN 13693+A1, cl. 5.2	Precast concrete products	-
7.3.19	Determination of dimensional characteristics	ČSN EN 13224, cl. 5.3	Precast concrete elements – Ribbed floor elements	-
7.3.20	Hydrostatic pressure test	ČSN EN 640, cl. 4.2.1	Concrete pipes	-
7.3.21	Determination of resistance to freezing/thawing	ČSN EN 13198, Annex A, B	Precast concrete products	-
7.3.22	Tightness test of joints	ČSN EN 1916, Annex A	Concrete pipes	-
7.3.23	Determination of watertightness	ČSN EN 1917, Annex C	Concrete manholes	-
7.3.24	Detection of reinforcement position	ČSN EN 13198, cl. 5.6	Precast concrete products	-
7.3.25	Determination of impact strength	ČSN 73 2035	Building components	-
7.3.26	Load tests	ČSN EN 13693+A1, Annex E	Precast concrete products	-
<b>7.4</b>	<b>Timber, timber components, timber based and fibre-cement products</b>			
7.4.1*	Static loading tests	ČSN 73 2030, Annex D; ČSN EN 380	Timber structures	-
7.4.2	Determination of strength and stiffness	ČSN EN 594	Timber structures, plasterboards	-
7.4.3	Determination of bearing capacity and deformation behaviour	ČSN EN 595	Timber structures	-
7.4.4	Determination of impact resistance	EOTA TR 001	Timber structures	-
7.4.5	Determination of bending and shear stiffnesses and	EAD 130367-00-0304, except cl. A2.5	Timber structures	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
Nemanická 441, 370 10 České Budějovice

<b>Ordinal number<sup>1</sup></b>	<b>Test procedure / method name</b>	<b>Test procedure / method identification<sup>2</sup></b>	<b>Tested subject</b>	<b>Degrees of freedom<sup>3</sup></b>
	capacities, determination of compression			
7.4.6	Determination of local and global bending modulus of elasticity, tensile and bending strength, and calculation of their characteristic values from measured values	ČSN EN 408+A1, cl. 8, 9, 10, 13, 19; ČSN EN 384+A2	Structural and glued timber	-
7.4.7	Soft body impact test	ČSN EN 596	Timber structures	-
7.4.8	Determination of strength limit	ČSN EN 14342, cl. 4.5	Wood-based floorings	-
7.4.9	Determination of the bonding quality	ČSN EN 14374, Annex B	Structural laminated veneer lumber	-
7.4.10	Determination of bending, compressive and tensile properties	ČSN EN 789, cl. 7, 8, 9, Annex D	Wood-based panels	-
7.4.11	Determination of characteristic 5-percentile values and characteristic mean values	ČSN EN 1058	Wood-based panels	-
7.4.12	Visual determination of grading characteristics	ČSN 73 2824-1, cl. 5	Coniferous sawn timber for structural elements	-
7.4.13	Determination of dimensional characteristics	ČSN EN 14080, cl. 5.11	Glued timber	-
7.4.14	Determination of shear strength – shear test of glued joints	ČSN EN 14080, Annex D	Glued timber	-
7.4.15	Test of lamellas with or without finger joints	ČSN EN 14080, Annex E, G	Glued timber	-
7.4.16	Determination of bond strength for large finger joints	ČSN EN 14080, cl. 4.3	Glued timber	-
7.4.17	Tests of dimensions	ČSN EN 492+A2, cl. 7.2	Fibre-cement slates and fittings	-
7.4.18	Determination of bulk density, bending, water impermeability, bending changes - hot water test and absorption-drying test	ČSN EN 492+A2, cl. 7.3	Fibre-cement slates and fittings	-

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7.4.19	Determination of frost resistance, heat-rain test	ČSN EN 492+A2, cl. 7.4	Fibre-cement slates and fittings	-
7.4.20	Determination of dimensions	ČSN EN 494+A1, cl. 7.2	Fibre-cement profiled sheets and fittings	-
7.4.21	Determination of density, bending changes – hot water test and absorption-drying test	ČSN EN 494+A1, cl. 7.3	Fibre-cement profiled sheets and fittings	-
7.4.22	Determination of frost resistance, heat-rain test	ČSN EN 494+A1, cl. 7.4	Fibre-cement profiled sheets and fittings	-
7.4.23	Determination of mass per unit volume	ČSN EN 12467+A2, cl. 7.3.1	Fibre-cement flat sheets	-
7.4.24	Determination of flexural strength and modulus of elasticity	ČSN EN 12467+A2, cl. 7.3.2	Fibre-cement flat sheets	-
7.4.25	Determination of water leaktightness	ČSN EN 12467+A2, cl. 7.3.3	Fibre-cement flat sheets	-
7.4.26	Determination of water vapour permeability	ČSN EN 12467+A2, cl. 7.3.4	Fibre-cement flat sheets	-
7.4.27	Determination of bend change – hot water test	ČSN EN 12467+A2, cl. 7.3.5	Fibre-cement flat sheets	-
7.4.28	Determination of bend change – absorption-drying test	ČSN EN 12467+A2, cl. 7.3.6	Fibre-cement flat sheets	-
7.4.29	Test of changes of dimensions due to humidity	ČSN EN 12467+A2, cl. 7.3.7	Fibre-cement flat sheets	-
7.4.30	Determination of frost resistance, heat-rain test	ČSN EN 12467+A2, cl. 7.4	Fibre-cement flat sheets	-
7.4.31	Test of flexural strength	ČSN EN 1170, cl. 5	Glass-fibre reinforced concrete	-
7.4.32	Determination of density	ČSN EN 1170, cl. 6	Glass-fibre reinforced concrete	-
7.4.33	Test of durability by cyclic weathering	ČSN EN 1170, Annex C	Glass-fibre reinforced concrete	-
7.4.34	Determination of dimensions	ČSN EN 324-1; ČSN EN 324-2	Wood-based panels	-
7.4.35	Determination of dimensions, including the production of specimens	ČSN EN 325	Wood-based panels	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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7.4.36	Determination of density	ČSN EN 323	Wood-based panels	-
7.4.37	Determination of moisture content by electrical resistance method, and calculation of their characteristic values from measured values	ČSN EN 13183-2; ČSN EN 384+A2	Structural timber	-
7.4.38	Determination of modulus of elasticity in bending and bending strength	ČSN EN 310	Wood-based panels, composites	-
7.4.39	Determination of thickness swelling	ČSN EN 317	Wood-based panels, composites	-
7.4.40	Determination of transverse tensile strength perpendicular to the plane of the board	ČSN EN 319	Wood-based panels, composites	-
7.4.41	Determination of moisture resistance	ČSN EN 321	Wood-based panels, composites	-
7.4.42	Determination of moisture content by gravimetry	ČSN EN 322	Wood-based panels, composites	-
7.4.43	Frost resistance test	ČSN EN 1328	Wood-based panels	-
7.4.44	Determination of dimensions and compressive strength parallel to the fibres	ČSN EN 408+A1, cl. 5, 15	Structural and glued timber	-
7.4.45	Determination of dimensions	ČSN EN 14592+A1, cl. 5	Fixtures for timber structures	-
7.4.46	Determination of withdrawal capacity	ČSN EN 1382	Fixtures for timber structures	-
7.4.47	Head pull through test	ČSN EN 1383	Fixtures for timber structures	-
7.4.48	Determination of yield moment	ČSN EN 409	Fixtures for timber structures	-
<b>7.5</b>	<b>Materials, products and waterproofing systems</b>			
7.5.1	Determination of water vapour transmission properties	ČSN EN ISO 12572	Hygroscopic, non-hygroscopic building materials, sheathed products	-
<b>7.6</b>	<b>Stone, aggregates, inactive concrete admixtures, soils</b>			
7.6.1	Determination of resistance to freezing/thawing	ČSN EN 1367-1	Aggregates	-
7.6.2	Determination of various aggregate particles	ČSN 72 1180	Aggregates	-

**The Appendix is an integral part of  
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7.6.3	Determination of percentage of crushed particles	ČSN EN 933-5	Coarse aggregates	-
7.6.4	Classification of constituents	ČSN EN 933-11	Coarse recycled aggregates	-
7.6.5	Determination of particle size distribution – sieving analysis	ČSN EN 933-1	Aggregates	-
7.6.6	Determination of particle shape - Shape index	ČSN EN 933-4	Aggregates	-
7.6.7	Determination of fine particle quality – sand equivalent test	ČSN EN 933-8+A1	Aggregates	-
7.6.8	Determination of resistance to fragmentation	ČSN EN 1097-2, cl. 1 to 5; ČSN EN 13450, Annex C	Aggregates	-
7.6.9	Determination of loose bulk density and voids	ČSN EN 1097-3, Annex D	Aggregates	-
7.6.10	Determination of the water content by drying in a ventilated oven	ČSN EN 1097-5	Aggregates	-
7.6.11	Determination of particle density and water absorption	ČSN EN 1097-6, Annex B	Aggregates	-
7.6.12	Determination of the particle density of filler by pycnometry	ČSN EN 1097-7	Aggregates	-
7.6.13	Determination of resistance by magnesium sulphate	ČSN EN 1367-2	Aggregates	-
7.6.14	Determination of potential content of humus particles by colorimetry	ČSN EN 1744-1+A1, cl. 15.1	Aggregates	-
7.6.15	Determination of the silicate decay by colorimetry	ČSN EN 1744-1+A1, cl. 19.1	Blast-furnace slag	-
7.6.16	Determination of the iron decay by colorimetry	ČSN EN 1744-1+A1, cl. 19, 2	Blast-furnace slag	-
7.6.17	Determination of resistance to freezing by freeze test	ČSN 72 1176, cl. 17 to 26	Aggregates	-
7.6.18	Determination of compressive strength	ČSN EN 13383-1, cl. 5.3; ČSN EN 1926, cl. 1 to 10	Armourstone	-
7.6.19	Determination of density and water absorption	ČSN EN 13383-2, cl. 8.1 to 8.7.2;	Armourstone	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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**Technický a zkušební ústav stavební Praha, s.p.**

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		ČSN EN 13383-1, cl. 5.2, 7.3		
7.6.20	Determination of resistance to freezing/thawing	ČSN EN 13383-2, cl. 9.1 to 9.7.2; ČSN EN 13383-1, cl. 7.4	Armourstone	-
7.6.21	Determination of density and water absorption	ČSN EN 14617-1	Agglomerated stone	-
7.6.22	Determination of flexural strength	ČSN EN 14617-2, cl. 1 to 9	Agglomerated stone	-
7.6.23	Determination of frost resistance	ČSN EN 14617-5, cl. 1 to 9	Agglomerated stone	-
7.6.24	Determination of resistance to ageing by thermal shock	ČSN EN 14617-6, cl. 1 to 9	Agglomerated stone	-
7.6.25	Determination of dimensions and rectangularity	ČSN EN 14617-16, cl. 1 to 3	Agglomerated stone	-
7.6.26	Determination of moisture content by gravimetry	ČSN EN ISO 17892-1	Soils and backfills	-
<b>7.7</b>	<b>Metallic materials and parts in construction</b>			
7.7.1	Tensile test	ČSN EN ISO 6892-1; ČSN EN 12797, chap. 5; ČSN EN ISO 15630-1, cl. 5; ČSN EN ISO 15630-2, cl. 5; ČSN EN ISO 15630-3, cl. 5	Metallic products	-
7.7.2	Bend test	ČSN EN ISO 15630-1, chap. 6; ČSN EN ISO 15630-2, chap. 6; ČSN EN ISO 15630-3, chap. 6; ČSN EN ISO 7438	Metallic products	-
7.7.3	Weldability tests of steel – shear strength	ČSN EN ISO 15630-2, cl.7	Metallic products	-
7.7.4	Test of steel weldability	ČSN EN ISO 9015-1; ČSN EN 10080, Annex B3	Metallic products	-
7.7.5	Determination of shape and dimensional accuracy	ČSN EN 10080, Annex B2; ČSN 42 0008; ČSN EN ISO 15630-1, chap. 10, 11, 12;	Metallic products	-

**The Appendix is an integral part of  
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		ČSN EN ISO 15630-3, chap. 14, 15, 16		
7.7.6	Fatigue test at room temperature	ČSN EN ISO 15630-1, chap. 8; ČSN EN ISO 15630-2, chap. 8; ČSN EN ISO 15630-3, chap. 10; ČSN 42 0363	Metallic products	-
7.7.7	Rebend test	ČSN EN ISO 15630-1, chap. 7; ČSN EN ISO 15630-3, chap. 7	Metallic products	-
7.7.8	Reverse bend test	ČSN ISO 7801	Metallic products	-
7.7.9	Vickers hardness test	ČSN EN ISO 6507-1	Metallic products	-
7.7.10*	Determination of surface protection thickness	ČSN ISO 2361; ČSN EN ISO 10111; ČSN EN ISO 3882, chap. 4.2, 5.1.1; ČSN EN ISO 2178	Metallic products	-
7.7.11	Test of shape and dimensional accuracy	ČSN EN 506, Annex A; ČSN EN 508-1, Annex D; ČSN EN 508-2, Annex A; ČSN EN 508-3+A1, Annex B	Metal building elements	-
7.7.12	Load bearing capacity test	ČSN 74 6930, cl. 5; ČSN EN 14782	Flat building elements	-
7.7.13	Load bearing capacity test	ČSN EN 12767, cl. 4.3; ČSN EN 1993-1-3, Annex A; ČSN EN 40-3-2, cl. 6.7; ČSN EN 845-3+A1, cl. 5.4, 5.5, 5.6	Metal elements and building components	-
7.7.14	Shear resistance of the connection	EAD 330046-01-0602 cl. 2.2.1.1	Screws for sheeting	-
7.7.15	Tension resistance of the connection (pull-through and pull-out test)	EAD 330046-01-0602 cl. 2.2.2.1, 2.2.2.3	Screws for sheeting	-
<b>7.8</b>	<b>Mortars, mortar mixtures, renovation materials, screeds</b>			
7.8.1	Frost resistance test	ČSN 72 2452	Mortars	-
7.8.2	Determination of density	ČSN EN 1015-10	Hardened mortars	-

**The Appendix is an integral part of  
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**Technický a zkušební ústav stavební Praha, s.p.**

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7.8.3	Test of compressive strength	ČSN EN 1015-11, cl. 9	Hardened mortars	-
7.8.4	Test of compressive strength	ČSN EN 13892-2, cl. 6.2	Screed materials	-
7.8.5	Test of flexural strength	ČSN EN 1015-11, cl. 8	Hardened mortars	-
7.8.6	Test of flexural strength	ČSN EN 13892-2, cl. 6.1	Screed materials	-
7.8.7	Determination of adhesion	ČSN EN 1015-12	Hardened mortars	-
7.8.8	Determination of capillary water absorption coefficient	ČSN EN 1015-18	Mortars	-
7.8.9	Determination of slip	ČSN EN 12004-2, cl. 8.2	Mortars and adhesives	-
7.8.10	Determination of open time	ČSN EN 12004-2, cl. 8.1	Mortars and adhesives	-
7.8.11	Determination of water vapour diffusion coefficient	ČSN 72 7030, cl. 17 to 24, tab. 1	Mortars	-
7.8.12	Determination of water vapour permeability	ČSN EN 1015-19, cl. 6.1, 6.2	Rendering and plastering mortars	-
7.8.13	Determination of water vapour transmission properties	ČSN 73 2580, cl. 14 to 19	Mortars	-
7.8.14*	Determination of adhesion	ČSN EN 13892-8	Screed materials	-
7.8.15	Determination of adhesion	ČSN EN 12004-2, cl. 8.3	Cement mortars and adhesives	-
<b>7.9</b>	<b>Draining elements</b>			
7.9.1	Load test	ČSN EN 1433, cl. 9.1, 9.2.1, 6.3.3	Drainage channels for vehicular and pedestrian areas	-
7.9.2	Determination of dimensions and shape	ČSN EN 1433, cl. 8, 9.3	Drainage channels for vehicular and pedestrian areas	-
7.9.3	Determination of physico-mechanical characteristics	ČSN EN 1433	Gully tops and manhole tops	-
<b>7.10</b>	<b>Construction cements, fly ash, slags, stabilization of soils, bitumens</b>			
7.10.1	Determination of normal consistency and setting time	ČSN EN 196-3, cl. 1 to 6	Cement	-
7.10.2	Determination of volume stability	ČSN EN 196-3, cl. 7	Cement	-
7.10.3	Determination of strength	ČSN EN 196-1	Cement	-
7.10.4	Determination of fineness by sieving method	ČSN EN 196-6, cl. 3.1 to 3.5	Cement	-
7.10.5	Determination of particle density	ČSN 72 2113, cl. 2 to 9; ČSN EN 196-6, cl. 4.5.3	Cement, slag	-

**The Appendix is an integral part of  
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7.10.6	Determination of consistency, penetration, water retention, air content by standard mortar testing	ČSN EN 413-2	Cement	-
7.10.7	Determination of bulk density (loose, bulk)	ČSN 72 2071, cl. 11.1, 11.2	Ash, cinder, slag and other silicate materials	-
7.10.8	Determination of particle density	ČSN 72 2113, cl. 2 to 9; ČSN EN 196-6, cl. 4.5.3; ČSN EN 450-1, cl. 5.3.4	Ash, cinder, slag and other silicate materials	-
7.10.9	Determination of volume stability	ČSN EN 196-3, cl. 7; ČSN EN 450-1, cl. 5.3.3	Ash, cinder, slag and other silicate materials	-
7.10.10	Determination of efficiency index	ČSN EN 196-1; ČSN EN 450-1, cl. 3.5, 5.3.2	Ash, cinder, slag and other silicate materials	-
7.10.11	Determination of moisture content by gravimetry	ČSN EN 15167-1, Annex A	Ash, cinder, slag and other silicate materials	-
7.10.12	Determination of glass phase content microscopically	ČSN P CEN/TR 196-4, cl. 7.2.2 to 7.2.2.3.1, 7.2.2.3.2 a)	Ash, cinder, slag and other silicate materials	-
7.10.13	Determination of efficiency index	ČSN EN 196-1; ČSN EN 15167-1, cl. 3.1, 5.3.2.1, 5.3.2.3	Ash, cinder, slag and other silicate materials	-
7.10.14	Determination of initial setting time	ČSN EN 196-3, cl. 4.1 to 6.3; ČSN EN 15167-1, cl. 5.3.2.2	Ash, cinder, slag and other silicate materials	-
7.10.15	Determination of consistence	ČSN 73 6124-1, Annex B	Ash, cinder, slag and other silicate materials	-
7.10.16	Determination of fineness by permeable method	ČSN EN 196-6, cl. 4	Cement, slag	-
<b>7.11</b>	<b>Gypsum and gypsum products, rock gypsum, anhydride, MgO based panels</b>			
7.11.1	Determination of flexural strength	ČSN EN 13279-2, cl. 4.5.4	Gypsum binders and gypsum plasters for interior plastering	-
7.11.2	Determination of compressive strength	ČSN EN 13279-2, cl. 4.5.5	Gypsum binders and gypsum plasters for interior plastering	-
7.11.3	Determination of adhesion	ČSN EN 13279-2, cl. 4.6	Gypsum binders and gypsum plasters for interior plastering	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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7.11.4	Determination of compressive and bending strength	ČSN 72 2301, cl. 4, 7, 8	Gypsum binders	-
7.11.5	Determination of start and setting time	ČSN 72 2301, cl. 4, 6	Gypsum binders	-
7.11.6	Determination of grinding fineness	ČSN 72 2301, cl. 4, 5	Gypsum binders	-
<b>7.12</b>	<b>Construction and sanitary ceramics</b>			
7.12.1	Determination of geometrical parameters and surface quality	ČSN EN ISO 10545-2, cl. 2, 3, 7	Building ceramics	-
7.12.2	Determination of density criteria – absorption power, bulk density, porosity	ČSN EN ISO 10545-3, cl. 4, 5	Building ceramics	-
7.12.3	Determination of flexural strength	ČSN EN ISO 10545-4, cl. 6, 7	Building ceramics	-
<b>7.13</b>	<b>Cements, adhesives, jointing materials, paints and coatings, surface finishes</b>			
7.13.1	Determination of resistance of paint coatings and varnishes to separation from substrates – cross-cut test	ČSN EN ISO 2409	Surface finish	-
7.13.2	Determination of thickness	ČSN EN ISO 2808; ČSN EN ISO 1461; ČSN EN ISO 2360; ČSN EN ISO 2178	Surface finish	-
<b>7.14</b>	<b>Thermal insulation materials and products, thermal tests</b>			
7.14.1	Determination of tensile strength parallel to faces	ČSN EN 1608	Thermal insulation materials and products	-
7.14.2	Determination of length and width	ČSN EN 822:2013; ČSN EN ISO 29465	Thermal insulation materials and products	-
7.14.3	Determination of thickness	ČSN EN 823:2013; ČSN EN ISO 29466	Thermal insulation materials and products	-
7.14.4	Determination of squareness	ČSN EN 824	Thermal insulation materials and products	-
7.14.5	Determination of flatness	ČSN EN 825:2013; ČSN EN ISO 29468	Thermal insulation materials and products	-
7.14.6	Pressure test	ČSN EN 826:2013; ČSN EN ISO 29469	Thermal insulation materials and products	-

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7.14.7	Determination of tensile strength perpendicular to faces	ČSN EN 1607	Thermal insulation materials and products	-
7.14.8	Determination of dimensional stability under specified temperature and humidity conditions	ČSN EN 1604	Thermal insulation materials and products	-
7.14.9	Determination of dimensional stability at constant laboratory conditions	ČSN EN 1603	Thermal insulation materials and products	-
7.14.10	Determination of water absorption by partial immersion	ČSN EN ISO 29767; ČSN EN 1609:2013	Thermal insulation materials and products	-
7.14.11	Determination of long term water absorption by immersion	ČSN EN ISO 16535	Thermal insulation materials and products	-
7.14.12	Determination of water vapour transmission rate	ČSN EN 12086	Thermal insulation materials and products	-
7.14.13	Bend test	ČSN EN 12089	Thermal insulation materials and products	-
7.14.14	Determination of mass per unit volume	ČSN EN 1602:2013; ČSN EN ISO 29470	Thermal insulation materials and products	-
7.14.15	Determination of thermal resistance by means of guarded hot plate and heat flow meter methods	ČSN EN 12667	Building materials and products	-
7.14.16	Determination of steady-state thermal resistance by means of guarded hot plate	ČSN EN 12664; ČSN EN 12939; ČSN 72 7012-2; ČSN 72 7012-3; ČSN 72 7014; ČSN 72 7306; ČSN EN 13162+A1, cl. 5.3.2; ČSN EN 13163+A2, cl. 5.3.2; ČSN EN 13164+A1, cl. 5.3.2; ČSN EN 13165+A2, cl. 5.3.2; ČSN EN 13166+A2, cl. 5.3.2; ČSN EN 13167+A1, cl. 5.3.2; ČSN EN 13168+A1, cl. 5.3.2;	Thermal insulation materials and products	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
Nemanická 441, 370 10 České Budějovice

<b>Ordinal number<sup>1</sup></b>	<b>Test procedure / method name</b>	<b>Test procedure / method identification<sup>2</sup></b>	<b>Tested subject</b>	<b>Degrees of freedom<sup>3</sup></b>
		ČSN EN 13169+A1, cl. 5.3.2; ČSN EN 13170+A1, cl. 5.3.2; ČSN EN 13171+A1, cl. 5.3.2; ČSN EN 1946-2, cl. 5.3.2		
7.14.17	Determination of behaviour under point load	ČSN EN 12430	Thermal insulation materials and products	-
7.14.18	Determination of shear strength and shear modulus of elasticity	ČSN EN 12090	Thermal insulation materials and products	-
7.14.19	Determination of linear dimensions of test specimens	ČSN EN 12085:2013; ČSN EN ISO 29768	Thermal insulation materials and products	-
7.14.20	Determination of dimensions, squareness and flatness	ČSN EN 13162+A1, cl. 5.3; ČSN EN 13163+A2, cl. 5.3; ČSN EN 13164+A1, cl. 5.3; ČSN EN 13165+A2, cl. 5.3; ČSN EN 13166+A2, cl. 5.3; ČSN EN 13167+A1, cl. 5.3; ČSN EN 13168+A1, cl. 5.3; ČSN EN 13169+A1, cl. 5.3; ČSN EN 13170+A1, cl. 5.3; ČSN EN 13171+A1, cl. 5.3; ČSN 72 7302	Thermal insulation materials and products	-
7.14.21	Determination of dimensions, squareness and flatness	ČSN EN 13467:2019; ČSN EN ISO 12628	Thermal insulation materials and products	-
7.14.22	Determination of water absorption	ČSN 64 5421	Thermal insulation materials and products	-
7.14.23	Determination of mass per unit volume, strength, compressibility, humidity and absorption power	ČSN 72 7302	Thermal insulation materials and products	-
7.14.24	Determination of pressure forming	ČSN EN 1606:2013; ČSN EN ISO 16534	Thermal insulation materials and products	-
7.14.25	Determination of deformation under specified compressive load and temperature conditions	ČSN EN 1605	Thermal insulation materials and products	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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7.14.26	Determination of long term water absorption by diffusion	ČSN EN ISO 16536	Thermal insulation materials and products	-
7.14.27	Determination of thickness	ČSN EN 12431:2013; ČSN EN ISO 29770	Thermal insulation materials and products for floating floors	-
7.14.28	Determination of mass per unit volume, strength, compressibility, humidity and absorption power	ČSN EN 13162+A1, cl. 5.3; ČSN EN 13163+A2, cl. 5.3; ČSN EN 13164+A1, cl. 5.3; ČSN EN 13165+A2, cl. 5.3; ČSN EN 13166+A2, cl. 5.3; ČSN EN 13167+A1, cl. 5.3; ČSN EN 13168+A1, cl. 5.3; ČSN EN 13169+A1, cl. 5.3; ČSN EN 13170+A1, cl. 5.3; ČSN EN 13171+A1, cl. 5.3; ČSN EN 13470:2002; ČSN EN ISO 18098; ČSN EN ISO 845; ČSN EN 14303, cl. 5.3	Thermal insulation materials and products	-
7.14.29	Determination of thermal conductivity coefficient	ČSN 72 7302	Thermal insulation materials and products	-
7.14.30	Determination of thermal resistance – conductivity of materials and products in steady state	ČSN 72 7302	Building materials and products	-
7.14.31	Determination of load resistance	ČSN EN 13168+A1, Annex D.2, D.3	Wood wool panels	-
<b>7.15</b>	<b>Loading tests of bridges, building structure and floors</b>			
7.15.1*	Static loading tests	ČSN 73 2030, Annex A, B, C	Building structures and their parts	-
<b>7.16</b>	<b>Masonry, hardware, partition walls, ceilings, floors</b>			
7.16.1	Determination of mass	ČSN EN 845-2, cl. 5.2.2, 5.3	Lintels	-
7.16.2	Determination of flexural resistance and shear resistance	ČSN EN 846-9 ed. 2	Ancillary components for masonry, lintels	-
7.16.3	Loading tests	ČSN 73 2054; ČSN 73 2034	Aerated concrete components	-
<b>7.17</b>	<b>Masonry units, permanent formwork, ceiling elements, burnt and concrete roofing</b>			

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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**Technický a zkušební ústav stavební Praha, s.p.**

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7.17.1	Determination of compressive strength and flexural strength	ČSN 72 2605, cl. 21 to 28	Masonry materials and clay roofing tiles	-
7.17.2	Determination of frost resistance	ČSN 72 2601	Brick products	-
7.17.3	Determination of compressive strength	ČSN EN 772-1+A1, cl. 7 to 10	Masonry units	-
7.17.4	Determination of percentage area of voids (by paper indentation)	ČSN EN 772-2, cl. 7 to 8	Concrete masonry units	-
7.17.5	Determination of flexural strength	ČSN EN 772-6, cl. 6 to 7	Concrete masonry units	-
7.17.6	Determination of water absorption by boiling in water	ČSN EN 772-7, cl. 5 to 9	Burnt masonry elements for damp proof course units	-
7.17.7	Determination of moisture content by gravimetry	ČSN EN 772-10, cl. 6 and 7	Calcium silicate masonry units, aerated concrete units	-
7.17.8	Determination of water absorption due to capillary action and the initial rate of water absorption	ČSN EN 772-11	Concrete masonry units and burnt masonry units	-
7.17.9	Determination of mass per unit volume	ČSN EN 772-13	Masonry units	-
7.17.12	Determination of moisture movement	ČSN EN 772-14	Masonry units	-
7.17.12	Determination of dimensions	ČSN EN 772-16, cl. 6 to 8	Masonry units	-
7.17.12	Determination of flatness of faces	ČSN EN 772-20, cl. 5	Masonry units	-
7.17.12	Determination of shrinkage	ČSN EN 680	Aerated concrete	-
7.17.12	Determination of appearance and dimensions	ČSN 72 2602	Brick products	-
7.17.12	Determination of water absorption	ČSN EN 771-1+A1, Annex C	Masonry units	-

<sup>1</sup> asterisk at the ordinal number identifies the tests, which the laboratory is qualified to carry out outside the permanent laboratory premises

<sup>2</sup> 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 valid edition of the specified procedure is used (including any changes)

<sup>3</sup> the laboratory does not apply a flexible approach to the scope of accreditation.

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**  
CAB number 1018.3, Central Laboratory  
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**Sampling:**

<b>Ordinal number</b>	<b>Sampling procedure name</b>	<b>Sampling procedure identification<sup>1</sup></b>	<b>Subject of sampling</b>
7.1	Aggregate sampling	ČSN EN 932-1	Aggregates
7.2	Sampling of cement, fly ash and slag	ČSN EN 196-7, cl. 1 to 10	Cement, fly ash and ground granulated blast furnace slag

<sup>1</sup> if the document identifying the sampling procedure is dated, only these specific procedures are used. If the document identifying the sampling procedure is not dated, the latest valid edition of the specified procedure is used (including any changes)

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Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**  
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**8. ZÚLP Testing laboratory (1000)**

**Tests:**

Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
<b>8.1</b>	<b>Games, toys and school supplies, playgrounds, matches and lighters</b>			
8.1.1	Small parts cylinder test	ČSN EN 71-1+A1, cl. 8.2; ASTM F 963, cl. 4.6.1	Toys	-
8.1.2	Simple torsion test	ČSN EN 71-1+A1, cl. 8.3; ASTM F 963, cl. 8.8	Toys	-
8.1.3	Tensile test	ČSN EN 71-1+A1, cl. 8.4; ASTM F 963, cl. 8.9	Toys	-
8.1.4	Drop test	ČSN EN 71-1+A1, cl. 8.5	Toys	-
8.1.5	Tip over test	ČSN EN 71-1+A1, cl. 8.6	Toys	-
8.1.6	Impact test	ČSN EN 71-1+A1, cl. 8.7	Toys	-
8.1.7	Pressure test	ČSN EN 71-1+A1, cl. 8.8; ASTM F 963 cl. 8.10	Toys	-
8.1.8	Steeping test	ČSN EN 71-1+A1, cl. 8, 9	Toys	-
8.1.9	Test of accessibility of a part or component	ČSN EN 71-1+A1, cl. 8.10	Toys	-
8.1.10	Test of edge sharpness	ČSN EN 71-1+A1, cl. 8.11; ASTM F 963, cl. 4.7.1	Toys	-
8.1.11	Test of point sharpness	ČSN EN 71-1+A1, cl. 8.12; ASTM F 963, cl. 4.9.1	Toys	-
8.1.12	Test of flexibility of metallic wire	ČSN EN 71-1+A1, cl. 8.13; ASTM F 963, cl. 8.12	Toys	-
8.1.13	Test of expansion of materials	ČSN EN 71-1+A1, cl. 8.14	Toys	-
8.1.14	Leakage test	ČSN EN 71-1+A1, cl. 8.15	Liquid-filled toys	-
8.1.15	Check of size and geometric shape	ČSN EN 71-1+A1, cl. 8.16; ASTM F 963, cl. 4.22, 4.23, 4.24	Toys for small children	-
8.1.16	Test of durability of mouth-actuated toys	ČSN EN 71-1+A1, cl. 8.17	Toys	-
8.1.17	Test of folding or sliding mechanisms and openings	ČSN EN 71-1+A1, cl. 8.18; ASTM F 963, cl. 4.18	Toys	-
8.1.18	Test of cords cross-sectional dimension	ČSN EN 71-1+A1, cl. 8.20	Toys	-
8.1.19	Static strength test	ČSN EN 71-1+A1, cl. 8.21	Toys	-
8.1.20	Dynamic strength test	ČSN EN 71-1+A1, cl. 8.22	Toys	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
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8.1.21	Stability test	ČSN EN 71-1+A1, cl. 8.23	Toys	-
8.1.22	Test of the kinetic energy of projectiles	ČSN EN 71-1+A1, cl. 8.24	Toys	-
8.1.23	Measurement of the thickness of plastic sheets	ČSN EN 71-1+A1, cl. 8.25	Toys	-
8.1.24	Test of brake performance	ČSN EN 71-1+A1, cl. 8.26	Toys	-
8.1.25	Test of the strength of toy scooter steering tubes	ČSN EN 71-1+A1, cl. 8.27	Children's scooters	-
8.1.26	Determination of maximum design speed of electrically-driven ride-on toys	ČSN EN 71-1+A1, cl. 8.29	Toys	-
8.1.27	Temperature rise test	ČSN EN 71-1+A1, cl. 8.30	Toys	-
8.1.28	Test of lowering of toy chest lids	ČSN EN 71-1+A1, cl. 8.31	Toys	-
8.1.29	Small balls and suction cups test	ČSN EN 71-1+A1, cl. 8.32	Toys	-
8.1.30	Test for play figures	ČSN EN 71-1+A1, cl. 8.33	Toys	-
8.1.31	Tension test for magnets	ČSN EN 71-1+A1, cl. 8.34	Toys	-
8.1.32	Determination of magnetic flux index	ČSN EN 71-1+A1, cl. 8.35; ASTM 963, cl. 8.25	Toys	-
8.1.33	Test of perimeter of cords and chains	ČSN EN 71-1+A1, cl. 8.36	Toys	-
8.1.34	Measurement of cord length	ČSN EN 71-1+A1, cl. 8.37	Yo - yo balls	-
8.1.35	Breakaway feature separation test	ČSN EN 71-1+A1, cl. 8.38	Toys	-
8.1.36	Test of self-retracting cords	ČSN EN 71-1+A1, cl. 8.39	Toys	-
8.1.37	Test of length of cords, chains and electrical cables	ČSN EN 71-1+A1, cl. 8.40	Toys	-
8.1.38	Test of the safe distance of connected edges and hinges	ČSN EN 71-1+A1, cl. 4.10.3	Toys	-
8.1.39	Test of springs – measurement of the distance between coils	ČSN EN 71-1+A1, cl. 4.10.4	Toys	-
8.1.40	Test of the tangle potential of two cords or chains	ČSN EN 71-1+A1, cl. 8.41	Toys	-
8.1.41	Determination of projectile range	ČSN EN 71-1+A1, cl. 8.42	Toys	-
8.1.42	Determination of the dimension of leading parts	ČSN EN 71-1+A1, cl. 8.43	Toys	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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**Technický a zkušební ústav stavební Praha, s.p.**

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8.1.43	Measurement of the length of suction cup projectiles	ČSN EN 71-1+A1, cl. 8.44	Toys	-
8.1.44	Test of limit dimensions	ČSN EN 71-4 ed. 2, cl. 5.2.1.1	Toys – containers and glassware	-
8.1.45	Test of container closures	ČSN EN 71-4 ed. 2, cl. 5.2.4	Toys – closures of chemical containers	-
8.1.46	Test tube holder stability test	ČSN EN 71-4 ed. 2, cl. 5.4	Toys – chemistry sets	-
8.1.47	Stability test	ČSN EN 71-8, cl. 6.2	Activity toys	-
8.1.48	Static strength test	ČSN EN 71-8, cl. 6.3	Activity toys	-
8.1.49	Dynamic strength test	ČSN EN 71-8, cl. 6.4	Barriers and handrails of activity toys	-
8.1.50	Test for head and neck entrapment	ČSN EN 71-8, cl. 6.5	Activity toys	-
8.1.51	Test for clothing and hair entrapment	ČSN EN 71-8, cl. 6.6	Activity toys	-
8.1.52	Measurement of angle and inclination	ČSN EN 71-8, cl. 6.7	Activity toys	-
8.1.53	Assessment of the diameter of ropes and other means of suspension	ČSN EN 71-8, cl. 6.8	Activity toys	-
8.1.54	Static load resistance test	ČSN EN 71-8, cl. 6.10	Activity toys – paddling pools	-
8.1.55	Test of material resistance to sweat and saliva	Decree No. 84/2001 Sb.	Toys, products for children, wooden school supplies	-
8.1.56	Fall test for toys with wheels	ASTM F 963, cl. 8.7.3	Toys	-
8.1.57	Impact test for toys that cover the face	ASTM F 963, cl. 8.7.4	Toys	-
8.1.58	Tension and compression test of tires, wheels and axles	ASTM F 963, cl. 8.11	Toys	-
8.1.59	Determination of the electric resistivity of cords	ČSN EN 71-1+A1, cl. 8.19	Toys	-
8.1.60	Assessment of heating and abnormal operation	ČSN EN IEC 62115 ed. 2, art. 9	Toys	-
8.1.61	Test of electric strength	ČSN EN IEC 62115 ed. 2, art. 10	Toys	-
8.1.62	Test of humidity resistance	ČSN EN IEC 62115 ed. 2, art. 11	Toys	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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8.1.63	Test of mechanical strength	ČSN EN IEC 62115 ed. 2, art. 12	Toys	-
8.1.64	Assessment of structure	ČSN EN IEC 62115 ed. 2, cl. 13.1, 13.3-13.5	Toys	-
8.1.65	Test of wire supply protection	ČSN EN IEC 62115 ed. 2, art. 14	Toys	-
8.1.66	Test of screws and connections	ČSN EN IEC 62115 ed. 2, art. 16	Toys	-
8.1.67	Assessment of creepage distances and clearances	ČSN EN IEC 62115 ed. 2, art. 17	Toys	-
8.1.68	Test of resistance to heat and fire – ball pressure test method	ČSN EN IEC 62115 ed. 2, cl. 18; IEC 60695-10-2	Toys	-
8.1.69	Test of resistance to heat and fire – glowing/hot-wire based test methods	ČSN EN IEC 62115 ed. 2, cl. 18; IEC 60695-2-11	Toys	-
8.1.70	Test of resistance to heat and fire – needle-flame test method	ČSN EN IEC 62115 ed. 2, cl. 18; IEC 60695-11-5	Toys	-
8.1.71	Test of flammability of textile materials	ČSN EN 71-2, cl. 5	Toys	-
8.1.72*	Physical tests of structural integrity	ČSN EN 1176-1 ed. 2+A1, Annex C	Playground equipment	-
8.1.73*	Test of the entrapment of body parts and clothing	ČSN EN 1176-1 ed. 2+A1, Annex D	Playground equipment	-
8.1.74*	Test of suspension by dynamic load	ČSN EN 1176-2 ed. 2, Annex C	Playground equipment – swings	-
8.1.75*	Assessment of slide surface	ČSN EN 1176-3 ed. 2, cl. 4.6	Playground equipment – slides	-
8.1.76*	Determination of the efficiency of stops	ČSN EN 1176-4 ed. 2, Annex A	Playground equipment - cableways	-
8.1.77*	Test of the maximum speed of travel	ČSN EN 1176-4 ed. 2, Annex B	Playground equipment - cableways	-
8.1.78*	Test of the attachment strength of supporting structure components to the rotating shaft	ČSN EN 1176-5, Annex A	Playground equipment – merry-go-rounds	-
8.1.79*	Determination of stand slope	ČSN EN 1176-6 ed. 2, Annex B	Playground equipment – rocking equipment	-

**The Appendix is an integral part of  
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8.1.80*	Determination of freedom from pinch and crush points	ČSN EN 1176-6 ed. 2, Annex C	Playground equipment – rocking equipment	-
8.1.81*	Determination of lateral stability	ČSN EN 1176-6 ed. 2, Annex D	Playground equipment – rocking equipment	-
8.1.82*	Test of the structural integrity of protection point connections	ČSN EN 12572-1, Annex C	Artificial climbing structures	-
8.1.83	Impact test of surface elements	ČSN EN 12572-1, Annex D; ČSN EN 12572-2, Annex C	Artificial climbing structures	-
8.1.84*	Panel insert resistance test	TL method no. 64 (ČSN EN 12572-1, Annex E; ČSN EN 12572-2, Annex D)	Artificial climbing structures	-
8.1.85*	Verification of the correct installation of elements	ČSN EN 12572-1, Annex F	Artificial climbing structures	-
<b>8.2</b>	<b>Household chemicals – cleaning and washing agents</b>			
8.2.1	Determination of performance – comparative test	TL method no. 3 (ISO 4319:1977; DIN 53990)	Detergents	-
8.2.2	Determination of cleaning performance – tile test	TL method no. 4, method A, B, C, D (Horáková et al.)	Cleaning agents	-
8.2.3	Washing performance test	TL method no. 5, method A, B (ČSN EN 50242:1999, cl. 6.3, 6.4, 6.7.1)	Cleaning agents	-
<b>8.3</b>	<b>Analytical tests</b>			
8.3.1	Determination of volatile organic compound (VOC) emissions by GC-MS (test cell method) and sum of VOCs by calculation	Method No. 100660 (ČSN EN ISO 16000-10; ČSN EN 16516+A1)	Building products, paints, PBU	-
8.3.2	Determination of chlorinated phosphorus-based flame retardants by GC-MS method	Method No. 100601-01 (ČSN EN 71-16)	PBU	-
8.3.3	Determination of primary aromatic amines by GC-MS method	Method No. 100601-03 (ČSN EN 71-9+A1:2007; ČSN EN 71-10; ČSN EN 71-11, cl. 5.4)	PBU	-

**The Appendix is an integral part of  
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8.3.4	Determination of the migration of plastic monomers (bisphenol A) by HPLC-DAD method	Method No. 100601-04 (ČSN EN 71-19)	PBU	-
8.3.5	Determination of the migration of plastic monomers (formaldehyde) by spectrophotometry	Method No. 100601-05 (ČSN EN 71-9+A1:2007; ČSN EN 71-10; ČSN EN 71-11, cl. 5.5.3)	PBU	-
8.3.6	Determination of the migration of plastic monomers (styrene) by GC-MS method	Method No. 100601-06 (SHIMADZU PO-CON 1464E method)	PBU	-
8.3.7	Determination of the migration of solvents (trichloroethylene, dichloromethane) by GC-MS method	Method No. 100601-07 (ČSN EN 71-9+A1:2007; ČSN EN 71-10; ČSN EN 71-11, cl. 5.5.4)	PBU	-
8.3.8	Determination of the migration of solvents (methanol, toluene, benzene, ethylbenzene, xylenes, cyclohexanone) by GC-MS method	Method No. 100601-08 (ČSN EN 71-9+A1:2007; ČSN EN 71-10; ČSN EN 71-11, cl. 5.5.5)	PBU	-
8.3.9	Determination of the migration of solvents by GC-MS method	Method No. 100601-09 (ČSN EN 71-9+A1:2007; ČSN EN 71-10; ČSN EN 71-11, cl. 5.5.5.4)	PBU	-
8.3.10	Determination of solvents (inhalation) by GC-MS method	Method No. 100601-10 (ČSN EN 71-9+A1:2007; ČSN EN 71-10; ČSN EN 71-11, cl. 5.5.6)	PBU	-
8.3.11	Determination of wood preservatives by GC-MS method	Method No. 100601-11 (ČSN EN 71-9+A1:2007; ČSN EN 71-10; ČSN EN 71-11, cl. 5.6)	PBU	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
Nemanická 441, 370 10 České Budějovice

<b>Ordinal number<sup>1</sup></b>	<b>Test procedure / method name</b>	<b>Test procedure / method identification<sup>2</sup></b>	<b>Tested subject</b>	<b>Degrees of freedom<sup>3</sup></b>
8.3.12	Determination of the migration of softeners by GC-MS method	Method No. 100601-13 (ČSN EN 71-9+A1:2007; ČSN EN 71-10; ČSN EN 71-11, cl. 5.8)	PBU	-
8.3.13	Determination of phthalates by GC-MS and sum of phthalates by calculation	Method No. 100602 (CPSC-CH-C1001-09.4; ČSN EN ISO 14389)	PBU, paints, plastics, building products, textiles	-
8.3.14	Determination of phenolic compounds by spectrophotometry	Method No. 100604 (ČSN ISO 6439; ČSN EN 71-18)	PBU, plastics, building products, paper, cardboard, textiles, wood (aqueous leachates)	-
8.3.15	Determination of PCB by GC/ECD method and sum of PCB by calculation	Method No. 100605-01A (ČSN EN ISO 15318)	PBU, paints, paper, cardboard, textiles, plastics, building products	-
8.3.16	Determination of PCB by GC/ECD method and sum of PCB by calculation	Method No. 100605-01B (ČSN EN 17322)	Waste, solid samples, oils	-
8.3.17	Determination of PBB by GC-MS method and the sum of PBB by calculation	Method No. 100605-02 (EPA-560/13-79-001)	PBU, paints, paper, cardboard, textiles, plastics, building products	-
8.3.18	Determination of PBDE by GC-MS and sum of PBDE by calculation	Method No. 100605-03 (Thermo Scientific Application Note 10047)	PBU, paints, paper, cardboard, textiles, plastics, building products	-
8.3.19	Determination of dry matter by gravimetry and calculation of water content	Method No. 100606 (ČSN ISO 11465)	Waste, solid samples, bituminous mixtures	-
8.3.20	Determination of extractable formaldehyde by spectrophotometry	Method No. 100607-01 (ČSN EN ISO 14184-1)	Textiles (aqueous leachate)	-
8.3.21	Determination of formaldehyde by spectrophotometry	Method No. 100607-02 (ČSN EN 645; ČSN EN 1541)	Paper, cardboard, cardboard (aqueous leachate)	-
8.3.22	Determination of free formaldehyde by the chamber method – by spectrophotometry	Method No. 100607-03 (ČSN EN 717-1)	Furniture, wood-based panels, toys	-
8.3.23	Determination of formaldehyde by the bottle method – by spectrophotometry	Method No. 100607-04 (ČSN EN 717-3)	Toys	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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**Technický a zkušební ústav stavební Praha, s.p.**

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<b>Ordinal number<sup>1</sup></b>	<b>Test procedure / method name</b>	<b>Test procedure / method identification<sup>2</sup></b>	<b>Tested subject</b>	<b>Degrees of freedom<sup>3</sup></b>
8.3.24	Determination of releasable formaldehyde by the bottle method – by spectrophotometry	Method No. 100607-05 (ČSN EN 12149)	Wall coverings	-
8.3.25	Determination of migration of elements by flame AAS	Method No. 100608-01 (ČSN EN 71-3+A2; ČSN ISO 8288; ČSN EN ISO 5961; ČSN EN 1233; ČSN EN ISO 12020; ČSN 75 7385; TNV 75 7408)	Toys, materials for the manufacture of toys, products for children up to three years of age, plastics, paints, writing utensils (leachates)	-
8.3.26	Determination of Hg migration with the AMA analyser	Method No. 100608-02 (ČSN EN 71-3+A2; ALTEC manual)	Toys, materials for the manufacture of toys, products for children up to three years of age, plastics, paints, writing utensils (leachates)	-
8.3.27	Determination of migration of elements by ETA-AAS method	Method No. 100608-03 (ČSN EN 71-3+A2; ČSN EN ISO 15586)	Toys, materials for the manufacture of toys, products for children up to three years of age, plastics, paints, writing utensils (leachates)	-
8.3.28	Determination of metals (Cd, Pb) by flame AAS	Method No. 100610 (ČSN EN 1388-1; ČSN EN 1388-2)	Enamels, glass, ceramics, porcelain (leachates in acetic acid)	-
8.3.29	Determination of elements by flame AAS method	Method No. 100611-01A (ČSN ISO 8288; ČSN EN ISO 5961; ČSN EN 1233; ČSN EN ISO 12020; ČSN 75 7385; TNV 75 7408; ČSN EN 1783)	Plastics, paper, cardboard, metal materials, packaging, toys, materials for toy manufacture, paints, coatings, building products, matches	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
Nemanická 441, 370 10 České Budějovice

Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
8.3.30	Determination of elements by flame AAS method	Method No. 100611-01B (ČSN EN ISO 54321; ČSN EN 13657; ČSN ISO 8288; ČSN EN ISO 5961; ČSN EN 1233; ČSN EN ISO 12020; ČSN 75 7385; TNV 75 7408)	Waste, solid samples	-
8.3.31	Determination of Hg by AMA analyser	Method No. 100611-02 (ČSN EN 1783; ALTEC manual)	Plastics, paper, cardboard, metal materials, packaging, toys, paints, coatings, building products, matches, waste, solid samples	-
8.3.32	Determination of total Pb content by flame AAS method	Method No. 100611-03 (CPSC-CH-E1001-08.3; CPSC-CH-E1002-08.3)	Products for children, toys	-
8.3.33	Determination of elements by flame AAS method	Method No. 100612-01A (ČSN ISO 8288; ČSN EN ISO 5961; ČSN EN 1233; ČSN EN ISO 12020; ČSN 75 7385; TNV 75 7408; ČSN EN 1811+A1:2016; ČSN EN 12472+A1:2009)	PBU, coatings, paints, rubbers, silicones, elastomers, paper, cardboard, toys, costume jewellery, building products (aqueous leachates)	-
8.3.34	Determination of elements by flame AAS method	Method No. 100612-01B (ČSN ISO 8288; ČSN EN ISO 5961; ČSN EN 1233; ČSN EN ISO 12020; ČSN 75 7385; TNV 75 7408)	Water, aqueous leachates (waste, solid samples)	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
8.3.35	Determination of Hg by AMA analyser	Method No. 100612-02 (ČSN 75 7440; ALTEC manual)	Water, aqueous leachates (PBU, coatings, paints, rubbers, silicones, elastomers, paper, cardboard, toys, costume jewellery, building products)	-
8.3.36	Determination of elements by ETA-AAS method	Method No. 100612-03A (ČSN EN ISO 15 586)	PBU, coatings, paints, rubbers, silicones, elastomers, paper, cardboard, toys, costume jewellery, building products (aqueous leachates)	-
8.3.37	Determination of elements by ETA-AAS method	Method No. 100612-03B (ČSN EN ISO 15 586)	Water, aqueous leachates (waste, solid samples)	-
8.3.38	Determination of pH by potentiometry	Method No. 100614 (ČSN ISO 10523; ČSN EN ISO 787-9; ČSN EN ISO 3071; ČSN EN 12457-4)	Water, aqueous leachates (waste, solid samples, paper, cardboard, light industry products, toys, building products)	-
8.3.39	Determination of reducing substances by titration	Method No. 100617-01 (ČSN 62 1156, cl. 9B)	Rubber, silicones, elastomers, plastics	-
8.3.40	Determination of evaporation residue by gravimetry	Method No. 100617-02 (ČSN 62 1156, cl. 12)	Rubber, silicones, elastomers, plastics	-
8.3.41	Qualitative determination of chloride, ammonium, aromatic amines, sulphides, hyposulphites, barium and opalescence by colorimetry	Method No. 100617-03 (ČSN 62 1156, cl. 13, 16 to 22)	Rubber, silicones, elastomers, plastics	-
8.3.42	Determination of extractives by gravimetry	Method No. 100626 (Commission Regulation (EU) No. 10/2011, Annex III)	Plastics, coatings, toys, materials for toy manufacture	-
8.3.43	Determination of primary aromatic amines by spectrophotometry	Method No. 100630 (ČSN 62 1156, cl. 18)	Plastics, coatings, toys, materials for toy manufacture	-
8.3.44	Determination of PAH by GC-MS method and the sum of PAH by calculation	Method No. 100635A (ČSN EN 17503)	Waste, solid samples	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**

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Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
8.3.45	Determination of PAH by GC-MS method and the sum of PAH by calculation	Method No. 100635B (AfPS GS 2019:01 PAK; ČSN EN 17503)	Plastics, rubbers, toys, materials for toy manufacture	-
8.3.46	Determination of aromatic amines after splitting of azo dyes – by GC-MS method	Method No. 100640 (ČSN EN 71-7+A3)	Toys, materials for toy manufacture, textiles, coatings	-
8.3.47	Determination of vinyl chloride by GC-MS method	Method No. 100663 (ČSN EN 12149)	Plastics, toys, materials for toy manufacture, wall coverings	-
8.3.48	Screening and identification of organic compounds (specific migration) - by GC-MS method	Method No. 100664 (Commission Regulation (EU) No. 10/2011, Annex I)	Plastics, elastomers, toys, materials for toy manufacture, building products, paints	-
8.3.49	Determination of mobility inhibition in crustaceans ( <i>Daphnia magna</i> )	Method No. 100670 (ČSN EN ISO 6341)	Waters, extracts, chemicals, wastes, solid samples, building products, PBU	-
8.3.50	Determination of algal growth inhibition test ( <i>Desmodesmus subspicatus</i> )	Method No. 100671 (ČSN EN ISO 8692)	Waters, extracts, chemicals, wastes, solid samples, building products, PBU	-
8.3.51	White mustard ( <i>Sinapis alba</i> ) root growth inhibition test	Method No. 100672 (Guideline No. 8, MoE CR Bulletin, XVII, No. 4/2007)	Waters, extracts, chemicals, wastes, solid samples, building products, PBU	-
8.3.52	Determination of root growth inhibition in lettuce <i>Lactuca sativa</i>	Method No. 100674 (ČSN EN ISO 11,269-1; (Annex No. 5 to Decree No. 273/2021 Coll.)	Solid samples, waste, building products	-
<b>8.4</b>	<b>Light industry products</b>			
8.4.1	Flame height measurement	ČSN EN ISO 9994, cl. 6.2	Lighters	-
8.4.2	Spitting, sputtering and flaring tests	ČSN EN ISO 9994, cl. 6.3	Lighters	-
8.4.3	Flame extinction test	ČSN EN ISO 9994, cl. 6.4	Lighters	-
8.4.4	Fuel compatibility test	ČSN EN ISO 9994, cl. 6.5	Lighters	-
8.4.5	Refilling test	ČSN EN ISO 9994, cl. 6.6	Lighters	-
8.4.6	Test of volumetric fuel displacement	ČSN EN ISO 9994, cl. 6.7	Lighters	-
8.4.7	Fall test	ČSN EN ISO 9994, cl. 6.8	Lighters	-
8.4.8	Elevated-temperature test	ČSN EN ISO 9994, cl. 6.9	Lighters	-
8.4.9	Internal pressure test	ČSN EN ISO 9994, cl. 6.10	Lighters	-
8.4.10	Cyclic-burning-time test	ČSN EN ISO 9994, cl. 6.11	Lighters	-

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
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Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
8.4.11	Continuous-burning-time test	ČSN EN ISO 9994, cl. 6.12	Lighters	-
8.4.12	Test of child-resistant lighters	ČSN EN 13869, cl. 5	Child-resistant lighters	-
8.4.13	Striking performance test	ČSN EN 1783, Annex A	Matches	-
8.4.14	Test of heat ignition (self-ignition)	ČSN EN 1783, Annex B	Matches	-
8.4.15	Test of striking surface performance	ČSN EN 1783, Annex C	Matches	-
8.4.16	Impact resistance test	ČSN EN 1783, Annex D	Matches	-

<sup>1</sup> asterisk at the ordinal number identifies the tests, which the laboratory is qualified to carry out outside the permanent laboratory premises

<sup>2</sup> 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 valid edition of the specified procedure is used (including any changes)

<sup>3</sup> the laboratory does not apply a flexible approach to the scope of accreditation.

**Specification of the scope of accreditation:**

Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
8.3.1	benzene, toluene, sum of xylenes, styrene, ethylbenzene, formaldehyde, trichloroethylene, tetrachloroethylene, sum by calculation
8.3.2	tri-o-cresyl phosphate, tris(2-chloroethyl)phosphate, tris(2-chloro-1-methylethyl)phosphate, tris(1,3-dichloro-2-propyl)phosphate
8.3.3	benzidine, 2-naphthylamine, 4-chloroaniline, 3,3'-dichlorobenzidine, 3,3'-dimethoxybenzidine, 3,3'-dimethylbenzidine, o-toluidine, o-anisidine, aniline
8.3.9	2-methoxyethyl acetate, 2-ethoxyethanol, 2-ethoxyethyl acetate, bis(2-methoxyethyl)ether, 2-methoxypropyl acetate, nitrobenzene, 3,5,5-trimethyl-2-cyclohexen-1-one
8.3.10	toluene, ethylbenzene, xylenes, dichloromethane, n-hexane, nitrobenzene, cyclohexanone
8.3.11	pentachlorophenol, lindane
8.3.12	triphenylphosphate, tri-o-cresylphosphate, tri-m-cresylphosphate, tri-p-cresylphosphate
8.3.13	dimethyl phthalate (DMP), diethyl phthalate (DEP), dipropyl phthalate (DPrP), diisobutyl phthalate (DIBP), dibutyl phthalate (DBP), benzyl butyl phthalate (BBP), di-n-pentyl phthalate (DPeP), di-(2-ethylhexyl)phthalate (DEHP), dicyclohexyl phthalate (DCHP), di-n-octyl phthalate (DNOP), diisononyl phthalate (DINP), diisodecyl phthalate (DIDP), sum by calculation
8.3.15, 8.3.16	PCB congeners: 28, 52, 101, 118, 138, 153, 180, sum by calculation
8.3.17	PBB: 3,3',4,4'- tetrabromobiphenyl; 2,2', 3,3', 4,5', 6,6'- octabromobiphenyl, sum by calculation
8.3.18	PBDE: 2,2', 3,3'- tetrabromodiphenyl ether; 2,2', 3,3', 4,4', 6,6'- tetrabromodiphenyl ether, sum by calculation

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
8.3.25	As, Ba, Cd, Cr, Pb, Sb, Se, Al, B, Co, Cu, Mn, Ni, Sr, Sn, Zn
8.3.27	As, B, Cd, Cr, Pb, Sb, Se, Sn
8.3.29, 8.3.30	Al, As, Ba, Cd, Co, Cr, Cu, Mn, Ni, Pb, Sb, Se, Zn
8.3.33, 8.3.34	Al, As, Ba, Cd, Co, Cr, Cu, Fe, Mn, Ni, Pb, Sb, Se, Sn, Zn, Li, Sr
8.3.36, 8.3.37	As, B, Cd, Cr, Pb, Sb, Se, Sn
8.3.44, 8.3.45	acenaphthalene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(e)pyrene, benzo(g,h,i)perylene, benzo(b)fluoranthene, benzo(j)fluoranthene, benzo(k)fluoranthene, dibenzo(a,h)anthracene, phenanthrene, fluoranthene, fluorene, chrysene, indeno(1,2,3-c,d)pyrene, naphthalene, pyrene, sum of PAH by calculation
8.3.46	o-toluidine, 4-chloroaniline, 4-methoxyaniline, 6-methoxy-m-toluidine, 2,4,5-trimethylaniline, 4-chloro-o-toluidine, 4-methyl-m-phenylenediamine, 4-methoxy-m-phenylenediamine, 2-naphthylamine, 5-nitro-o-toluidine, 4-aminobiphenyl, p-aminoazobenzene, 4,4-oxydianiline, benzidine, 4,4'-methylenedianiline, o-aminoazotoluene, 4,4'-methylenedi-o-toluidine, 3,3'-dimethylbenzidine, 4,4'-thiodianiline, 3,3'-dichlorobenzidine, 2,2'-dichloro-4,4'-methylenedianiline, 3,3'-dimethoxy-benzidine

**Specification of the scope of accreditation:**

Ordinal test number	Detailed information on activities within the scope of accreditation (tested subject)
8.3.34, 8.3.35, 8.3.38, 8.3.49, 8.3.50, 8.3.51	Water: drinking, surface and process water
8.3.16, 8.3.19, 8.3.30, 8.3.31, 8.3.34, 8.3.37, 8.3.38, 8.3.44, 8.3.49, 8.3.50, 8.3.51, 8.3.52	Waste: solid waste, liquid waste
8.3.16, 8.3.19, 8.3.30, 8.3.31, 8.3.34, 8.3.37, 8.3.39, 8.3.44, 8.3.49, 8.3.50, 8.3.51, 8.3.52	Solid samples: soils, sands, sediments, sludge, turf, composts, building materials
8.3.1, 8.3.2, 8.3.3, 8.3.4, 8.3.5, 8.3.6, 8.3.7, 8.3.8, 8.3.9, 8.3.10, 8.3.11, 8.3.12, 8.3.13, 8.3.14, 8.3.15, 8.3.17, 8.3.18, 8.3.33, 8.3.35, 8.3.36, 8.3.49, 8.3.50, 8.3.51	PBU: toys, materials for the manufacture of toys, materials for contact with food and foodstuffs, appliances and tools, products for children under three years, packaging, matches

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**  
CAB number 1018.3, Central Laboratory  
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**Specification of the scope of accreditation:**

Ordinal test number	Detailed information on activities within the scope of accreditation (source literature)
8.3.13	CPSC-CH-C1001-09.4: Standard operating procedure for the determination of phthalates. Consumer Product Safety Commission, USA, 2018
8.3.32	CPSC-CH-E1001-08.3: Standard operating procedure for the determination of total lead (Pb) in metallic products for children Consumer Product Safety Commission, USA, 2012 CPSC-CH-E1002-08.3: Standard operating procedure for the determination of total lead (Pb) in non-metallic products for children Consumer Product Safety Commission, USA, 2012
8.3.45	AfPS GS 2019:01 PAK: Ausschuss für Produktsicherheit (AfPS) – GS-Spezifikation – Prüfung und Bewertung von Polyzyklischen Aromatischen Kohlenwasserstoffen (PAK) bei der Zuerkennung des GS-Zeichens, Testing and evaluation of polycyclic aromatic hydrocarbons for the award of the GS label (2020)

**Explanatory notes:**

AAS	- Atomic Absorption Spectroscopy
AfPS	- Ausschuss für Produktsicherheit, Product Safety Commission
AMA	- Advanced Mercury Analyzer
ASTM	- American Society for Testing and Materials, US Standard
CBR	- California Bearing Ratio
CEN	- Comité Européen de Normalisation (European Committee for Standardization)
CHA	- Cross Hole Analysis (method of testing the quality of pile construction)
CPSC	- Consumer Product Safety Commission
DIN	- Deutsche Industrienorm (German standard)
DR-RO-5.2	- Measurement and evaluation of the content of natural radionuclides in building materials – SÚJB Recommendation DR-RO-5.2 (Rev. 0.0) of 01/ 11/ 2017, Ref. No.: SÚJB/OS/ 18895/2017
EAD	- European Assessment Document
EGOLF	- European Group of Organisations for Fire Testing, Inspection and Certification
EOTA TR	- Technical Report of European Organization for Technical Assessment
ETA-AAS	- Electrothermal atomization AAS
ETAG	- Guideline for European Technical Approval
ETICS	- External Thermal Insulation Composite System
FAAS	- Flame Atomic Absorption Spectrometry
GC-MS	- Gas Chromatography – Mass Spectrometry
GOST	- Soviet Union / Russian Federation state standard
HPLC-DAD	- High – Performance Liquid Chromatography with Diode-Array Detection
CHRL	- Chemical De-icing Agents
IP	- Internal Procedure
ISO	- International Standard

**The Appendix is an integral part of  
Certificate of Accreditation No: 169/2026 of 07/04/2026**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory  
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Method	- Internal testing procedure of the Testing Laboratory – Analytics Department
MoE	- Ministry of Environment
OTP ČD	- General Technical Specifications of Czech Railways
PAH	- Polycyclic Aromatic Hydrocarbons
PBB	- Polybrominated Biphenyls
PBDE	- Polybrominated Diphenyl Ethers
PBU	- Consumer Goods
PCB	- Polychlorinated Biphenyls
PIT	- Pile Integrity Test (test of the quality of pile construction)
PMMA	- Polymethylmethacrylate
PUR	- Polyurethane
PVC-U	- Polyvinylchloride without any plasticizer
TS	- Technical Specification
VOC	- Volatile Organic Compounds
WTA	- Wissenschaftliche technische Arbeitsgemeinschaft für Bauwesenverhalten und Denkmalpflege (International Association for Science and Technology of Building Maintenance and Monuments Preservation)

**The Appendix is an integral part of  
Certificate of Accreditation No: 625/2025 of 4. 12. 2025**

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

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CAB number 1018.3, Central Laboratory

Nemanická 441, 370 10 České Budějovice

**Accreditation for purposes of authorization/notification:**

Ordinal number	Product / Product group name	Conformity assessment procedure/ module/ AVCP system	Basic requirements / harmonised technical specifications: product specifications/ characteristics/ technical standards <sup>1</sup>
<b>1</b>	<b>Construction products acc. to Regulation (EU) No. 305/2011 of the European Parliament and of the Council</b>		
<b>1.1</b>	<b>Precast normal/ lightweight concrete / autoclaved aerated concrete products</b>		
1.1.1	Beam/block floor units and elements containing organic materials for uses subject to reaction to fire regulations (2/2) <i>(according to Annex III of Commission Decision No. 1999/94/EC, as amended by Commission Decision 2012/202/EU)</i>	Regulation (EU) No. 305/2011 of the European Parliament and of the Council, System 3	ČSN EN 14037-4; ČSN EN 15037-5
<b>1.2</b>	<b>Doors, windows, shutters, gates and related finish hardware</b>		
1.2.1	Doors and gates (with or without corresponding hardware) for specific uses and/or uses subject to specific requirements, especially requirements for noise, energy, tightness and safety-in-use; windows (with or without corresponding fittings) and hardware for any other uses than for the separation of fire/smoke sections and for emergency routes (1/1) <i>(according to Annex III of Commission Decision No. 1999/93/EC, as amended by Commission Decision 2011/246/EU)</i>	Regulation (EU) No. 305/2011 of the European Parliament and of the Council, System 3	ČSN EN 13241+A2; ČSN EN 14351-1+A2
<b>1.3</b>	<b>Membranes, including liquid applied and kits (for water and/or vapour control)</b>		
1.3.1	Damp proof courses, roof underlays, water vapour control layers - for use in buildings (1/3), Flexible sheets for waterproofing, waterproofing layers, roof underlays, roof	Regulation (EU) No. 305/2011 of the European Parliament and of the Council, System 3	ČSN EN 13707+A2; ČSN EN 13859-1; ČSN EN 13859-2; ČSN EN 13956; ČSN EN 13967+A1; ČSN EN 13969; ČSN EN 13970;

**The Appendix is an integral part of  
Certificate of Accreditation No: 625/2025 of 4. 12. 2025**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory

Nemanická 441, 370 10 České Budějovice

Ordinal number	Product / Product group name	Conformity assessment procedure/ module/ AVCP system	Basic requirements / harmonised technical specifications: product specifications/ characteristics/ technical standards <sup>1</sup>
	flexible sheets for waterproofing, water vapour control layers - for uses subject to reaction to fire regulations (2/3) Roof underlays, roof sheets - for uses subject to external fire performance regulations (3/3) <i>(according to Annex III of Commission Decision No. 1999/90/EC, as amended by Commission Decision 2001/596/EC)</i>		ČSN EN 13984; ČSN EN 14891; ČSN EN 14909 ed. 2; ČSN EN 14967; ČSN EN 15814+A2
<b>1.4</b>	<b>Thermal insulation products. Composite insulation kits or systems</b>		
1.4.1	Thermal insulation products (factory-made products and products intended to be formed in-situ) - for any uses (1/2) - for uses subject to reaction to fire regulations (2/2) <i>(according to Annex III of Commission Decision No. 1999/91/EC, as amended by Commission Decision 2001/596/EC)</i>	Regulation (EU) No. 305/2011 of the European Parliament and of the Council, System 3	ČSN EN 13162+A1; ČSN EN 13163+A1; ČSN EN 13164+A1; ČSN EN 13165+A2; ČSN EN 13166+A2; ČSN EN 131671A1; ČSN EN 13168+A1; ČSN EN 13169+A1; ČSN EN 13170+A1; ČSN EN 13171+A1; ČSN EN 14063-1; ČSN EN 14064-1; ČSN EN 14303+A1; ČSN EN 14304+A1; ČSN EN 14305+A1; ČSN EN 14306+A1; ČSN EN 143071A1; ČSN EN 14308+A1; ČSN EN 14309+A1; ČSN EN 14313+A1; ČSN EN 14314+A1; ČSN EN 14315-1; ČSN EN 14316-1; ČSN EN 14317-1; ČSN EN 14318-1; ČSN EN 14319-1; ČSN EN 14320-1;

**The Appendix is an integral part of  
Certificate of Accreditation No: 625/2025 of 4. 12. 2025**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory

Nemanická 441, 370 10 České Budějovice

Ordinal number	Product / Product group name	Conformity assessment procedure/ module/ AVCP system	Basic requirements / harmonised technical specifications/ product specifications/ characteristics/ technical standards <sup>1</sup>
			ČSN EN 14933; ČSN EN 14934; ČSN EN 15501; ČSN EN 15732
<b>1.5</b>	<b>Structural bearings. Pins for structural joints</b>		
1.5.1	Structural bearings - in buildings and civil engineering works where requirements on individual bearings are not critical <i>(according to Annex III of Commission Decision No. 95/467/EC, as amended by Commission Decision 2001/596/EC, 2002/592/EC, and 2010/679/EU)</i>	Regulation (EU) No. 305/2011 of the European Parliament and of the Council, System 3	ČSN EN 1337-3; ČSN EN 1337-4; ČSN EN 1337-5; ČSN EN 1337-6; ČSN EN 1337-7; ČSN EN 1337-8; ČSN EN 15129
<b>1.6</b>	<b>Chimneys, flues and specific products</b>		
1.6.1	Prefabricated chimneys (storey height elements), flue liners (elements or blocks), multi-shell chimney (elements or blocks), single walled chimneys blocks, kits of free standing chimneys and attached chimneys, chimney heads  - - for uses subject to reaction to fire regulations (1/1) <i>(according to Annex III of Commission Decision No. 95/467/EC, as amended by Commission Decision 2001/596/EC, 2002/592/EC, and 2010/679/EU)</i>	Regulation (EU) No. 305/2011 of the European Parliament and of the Council, System 3	ČSN EN 14471+A1
<b>1.7</b>	<b>Gypsum products</b>		
1.7.1	Plasterboards and ceiling elements with thin laminations, fibrous gypsum boards, fibrous gypsum plaster casts, composite panels (laminates), including relevant ancillary products, which include a material whose	Regulation (EU) No. 305/2011 of the European Parliament and of the Council, System 3	ČSN EN 13815; ČSN EN 13963; ČSN EN 14190 ed. 2; ČSN EN 14209 ed. 2; ČSN EN 14496; ČSN EN 15283-1+A1;

**The Appendix is an integral part of  
Certificate of Accreditation No: 625/2025 of 4. 12. 2025**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory

Nemanická 441, 370 10 České Budějovice

Ordinal number	Product / Product group name	Conformity assessment procedure/ module/ AVCP system	Basic requirements / harmonised technical specifications: product specifications/ characteristics/ technical standards <sup>1</sup>
	<p>reaction to fire changes during the manufacturing process on the face susceptible to be exposed to fire,</p> <ul style="list-style-type: none"> <li>- for use in fire walls, partitions or ceilings (or lining thereof) (1/4)</li> </ul> <p><i>(according to Annex III of Commission Decision No. 95/467/EC, as amended by Commission Decision 2001/596/EC, 2002/592/EC, and 2010/679/EU)</i></p>		<p>ČSN EN 15283-2+A1</p>
1.7.2	<p>Plasterboards, blocks, ceiling elements, fibrous gypsum plasters casts, including relevant ancillary products</p> <ul style="list-style-type: none"> <li>- for uses in walls, partitions, ceilings intended for fire protection of structural elements and/or fire compartmentation in buildings (2/4)</li> </ul> <p><i>(according to Annex III of Commission Decision No. 95/467/EC, as amended by Commission Decision 2001/596/EC, 2002/592/EC, and 2010/679/EU)</i></p>	<p>Regulation (EU) No. 305/2011 of the European Parliament and of the Council, System 3</p>	<p>ČSN EN 12859; ČSN EN 12860; ČSN EN 13279-1; ČSN EN 14195; ČSN EN 14246; ČSN EN 15283-1+A1; ČSN EN 15283-2+A1</p>
1.7.3	<p>Plasterboards, including relevant ancillary products</p> <ul style="list-style-type: none"> <li>- for stiffening timber-framed windload bearing walls or timber roof struss structures (3/4)</li> </ul> <p><i>(according to Annex III of Commission Decision No. 95/467/EC, as amended by Commission Decision 2001/596/EC, 2002/592/EC, and 2010/679/EU)</i></p>	<p>Regulation (EU) No. 305/2011 of the European Parliament and of the Council, System 3</p>	<p>ČSN EN 14190 ed. 2; ČSN EN 15283-1+A1; ČSN EN 15283-2+A1</p>
<b>1.8</b>	<b>Curtain walling/sheathing/structural sealed glazing</b>		

**The Appendix is an integral part of  
Certificate of Accreditation No: 625/2025 of 4. 12. 2025**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory

Nemanická 441, 370 10 České Budějovice

Ordinal number	Product / Product group name	Conformity assessment procedure/ module/ AVCP system	Basic requirements / harmonised technical specifications: product specifications/ characteristics/ technical standards <sup>1</sup>
1.8.1	Curtain walling systems - for uses as external walls subject to reaction to fire requirements - for uses as external walls not subject to reaction to fire requirements  <i>(according to Annex III of Commission Decision No. 96/580/EC, as amended by Commission Decision 2001/596/EC)</i>	Regulation (EU) No. 305/2011 of the European Parliament and of the Council, System 3	ČSN EN 13830
<b>1.9</b>	<b>Circulation fixtures:</b>		
1.9.1	Circulation fixtures (2/2) - road traffic noise reducing devices and barriers; - anti-glare screens  <i>(according to Annex III of Commission Decision No. 96/579/EC, as amended by Commission Decision 1999/453/EC)</i>	Regulation (EU) No. 305/2011 of the European Parliament and of the Council, System 3	ČSN EN 14388
<b>1.10</b>	<b>Products and elements of structural wood and accessories</b>		
1.10.1	Fasteners for structural timber products - Connectors for timber, split ring connectors, cylindrical steel and wood dowels, wood screws, threaded bolts, wood nails (3/3)  <i>(according to Annex III of Commission Decision No. 97/176/EC, as amended by Commission Decision 2001/596/EC)</i>	Regulation (EU) No. 305/2011 of the European Parliament and of the Council, System 3	ČSN EN 14545; ČSN EN 14592+A1
<b>1.11</b>	<b>Wood-based panels and elements</b>		
1.11.1	Unfaced, overlaid and veneered or coated wood-based panels - for non-structural elements in internal or external applications (2/2)	Regulation (EU) No. 305/2011 of the European Parliament and of the Council, System 3	ČSN EN 13986+A1

**The Appendix is an integral part of  
Certificate of Accreditation No: 625/2025 of 4. 12. 2025**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory

Nemanická 441, 370 10 České Budějovice

Ordinal number	Product / Product group name	Conformity assessment procedure/ module/ AVCP system	Basic requirements / harmonised technical specifications: product specifications/ characteristics/ technical standards <sup>1</sup>
	<i>(according to Annex III of Commission Decision No. 97/462/EC, as amended by Commission Decision 2001/596/EC)</i>		
<b>1.12</b>	<b>Masonry and related products. Masonry units, mortars and ancillaries</b>		
1.12.1	Masonry units with built-in thermal insulation materials located on the surface that may be exposed to fire - plasters with organic binders - for use in walls and partitions subject to reaction to fire regulations (3/3) <i>(according to Annex III of Commission Decision No. 97/740/EC, as amended by Commission Decision 2001/596/EC)</i>	Regulation (EU) No. 305/2011 of the European Parliament and of the Council, System 3	ČSN EN 15824 ed. 2
1.12.2	Ties, tension straps, joist hangers, brackets, lintels, support angles, bed joint reinforcement and lintels (2/3) <i>(according to Annex III of Commission Decision No. 97/740/EC, as amended by Commission Decision 2001/596/EC)</i>	Regulation (EU) No. 305/2011 of the European Parliament and of the Council, System 3	ČSN EN 845-1+A1; ČSN EN 845-2+A1; ČSN EN 845-3+A1
<b>1.13</b>	<b>Waste water engineering products</b>		
1.13.1	Kits for wastewater pumping station and effluent lifting plants, kits and elements for wastewater treatment plants and on-site treatment equipment, septic tanks, prefabricated drainage channels - for all essential characteristics except for reaction to fire <i>(according to Annex II of Commission Decision (EU) 2015/1959)</i>	Regulation (EU) No. 305/2011 of the European Parliament and of the Council, System 3	ČSN EN 12050-1; ČSN EN 12050-2; ČSN EN 12050-3; ČSN EN 12050-4; ČSN EN 12566-1; ČSN EN 12566-3+A2; ČSN EN 12566-4; ČSN EN 12566-6; ČSN EN 1433
1.13.2	Kits for wastewater pumping station and effluent lifting plants;	Regulation (EU) No. 305/2011 of the	ČSN EN 12050-1;

**The Appendix is an integral part of  
Certificate of Accreditation No: 625/2025 of 4. 12. 2025**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory

Nemanická 441, 370 10 České Budějovice

Ordinal number	Product / Product group name	Conformity assessment procedure/ module/ AVCP system	Basic requirements / harmonised technical specifications: product specifications/ characteristics/ technical standards <sup>1</sup>
	<p>kits and elements for wastewater treatment plants and on-site treatment equipment; septic tanks; prefabricated drainage channels; manhole covers and gully tops; back-flow devices: air admittance valve ventilating pipework; manholes and inspection chambers; step irons, ladders and handrails for manholes and inspection chambers; separators</p> <p>- for reaction to fire</p> <p>except for products for which a clearly identifiable stage in their production process results in an improvement of their reaction to fire performance (e.g. by adding fire retardants or limiting of organic materials) and except for products for which there is an applicable European legal basis for classifying their reaction to fire performance without testing <i>(according to Annex II of Commission Decision (EU) 2015/1959)</i></p>	<p>European Parliament and of the Council, System 3</p>	<p>ČSN EN 12050-2; ČSN EN 12050-3; ČSN EN 12050-4; ČSN EN 12566-1; ČSN EN 12566-3+A2; ČSN EN 12566-4; ČSN EN 12566-6; ČSN EN 1433</p>
<b>1.14</b>	<b>Floorings</b>		
1.14.1	<p>Rigid flooring products: components: paving units, tiles, mosaics, parquets, decking of mesh or sheet, floor gratings, rigid laminated floorings, wood based products;</p> <p>kits: raised access floors; cavity floors</p> <p>- for internal uses including enclosed public transport premises with a prescribed level of reaction to fire (2/2)</p> <p><i>(according to Annex III of Commission Decision No. 97/808/EC, as amended by</i></p>	<p>Regulation (EU) No. 305/2011 of the European Parliament and of the Council, System 3</p>	<p>ČSN EN 14342; ČSN EN 14411 ed. 2; ČSN EN 15285</p>

**The Appendix is an integral part of  
Certificate of Accreditation No: 625/2025 of 4. 12. 2025**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory

Nemanická 441, 370 10 České Budějovice

Ordinal number	Product / Product group name	Conformity assessment procedure/ module/ AVCP system	Basic requirements / harmonised technical specifications: product specifications/ characteristics/ technical standards <sup>1</sup>
	<i>Commission Decision 1999/453/EC, 2001/596/EC, and 2006/190/EC)</i>		
1.14.2	Resilient and textile floorings: Homogeneous and heterogeneous resilient floor coverings supplied either in tiles, sheet or roll form (textile floor covering including tiles; plastic and rubber sheets (aminoplastic thermosetting floorings); linoleum and cork; anti-static sheet; floor loose laid tiles; resilient laminated floorings)  - for internal uses with a prescribed level of reaction to fire (2/2)  <i>(according to Annex III of Commission Decision No. 97/808/EC, as amended by Commission Decision 1999/453/EC, 2001/596/EC, and 2006/190/EC)</i>	Regulation (EU) No. 305/2011 of the European Parliament and of the Council, System 3	ČSN EN 14041; ČSN EN 14904
1.14.3	Floor screed materials  - for internal uses with a prescribed level of reaction to fire (2/2)  <i>(according to Annex III of Commission Decision No. 97/808/EC, as amended by Commission Decision 1999/453/EC, 2001/596/EC, and 2006/190/EC)</i>	Regulation (EU) No. 305/2011 of the European Parliament and of the Council, System 3	ČSN EN 13454-1; ČSN EN 13813
<b>1.15</b>	<b>Internal and external wall and ceiling finishes. Internal partition kits</b>		
1.15.1	Panels  - intended to be used as internal or external finishes, as completed elements for fire protection of walls and ceilings (1/5)  Suspended ceilings (kits)	Regulation (EU) No. 305/2011 of the European Parliament and of the Council, System 3	ČSN EN 1013+A1; ČSN EN 12467+A2; ČSN EN 13245-2; ČSN EN 13964 ed. 2; ČSN EN 14509 ed. 2; ČSN EN 14915; ČSN EN 15286; ČSN EN 16153+A1;

**The Appendix is an integral part of  
Certificate of Accreditation No: 625/2025 of 4. 12. 2025**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory

Nemanická 441, 370 10 České Budějovice

Ordinal number	Product / Product group name	Conformity assessment procedure/ module/ AVCP system	Basic requirements / harmonised technical specifications/ characteristics/ technical standards <sup>1</sup>
	<p>- intended to be used as internal or external finishes for fire protection of ceilings (1/5) <i>(according to Annex III of Commission Decision No. 98/437/EC, as amended by Commission Decision 2001/596/EC)</i></p>		<p>ČSN EN 492+A2; ČSN EN 494+A1</p>
1.15.2	<p><b>Panels</b> - as internal or external stiffening elements in walls and ceilings (2/5) Cladding elements, panels (of brittle materials) - as internal or external finishes on walls or ceilings subject to requirements for protection against accidental injuries from sharp objects (2/5) Suspended ceilings (kits) - as internal or external finishes in ceilings subject to safety in use requirements (2/5) Tiles, panels - in internal or external suspended ceilings to which safety in use requirements apply (2/5) Featured profiles and suspending frames - intended to support internal or external wall or ceiling finishes and suspended ceilings subject to safety in use requirements (2/5) <i>(according to Annex III of Commission Decision No. 98/437/EC, as amended by Commission Decision 2001/596/EC)</i></p>	<p>Regulation (EU) No. 305/2011 of the European Parliament and of the Council, System 3</p>	<p>ČSN EN 1013+A1; ČSN EN 124671A2; ČSN EN 13245-2; ČSN EN 13964 ed. 2; ČSN EN 14509 ed. 2; ČSN EN 14915; ČSN EN 15286; ČSN EN 16153+A1; ČSN EN 492+A2; ČSN EN 494+A1</p>
1.15.3	<p>Rolled coverings, linings,</p>	<p>Regulation (EU) No. 305/2011 of the European Parliament</p>	<p>ČSN EN 1013+A1; ČSN EN 12467+A2;</p>

**The Appendix is an integral part of  
Certificate of Accreditation No: 625/2025 of 4. 12. 2025**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory

Nemanická 441, 370 10 České Budějovice

Ordinal number	Product / Product group name	Conformity assessment procedure/ module/ AVCP system	Basic requirements / harmonised technical specifications: product specifications/ characteristics/ technical standards <sup>1</sup>
	<ul style="list-style-type: none"> <li>- as internal finishes in walls and ceilings subject to reaction to fire regulations (3/5)</li> <li>Shingles, boards</li> <li>- as external finishes in walls and ceilings subject to reaction to fire regulations (3/5)</li> <li>Suspended ceilings (kits)</li> <li>- as internal or external finishes for ceilings subject to reaction to fire regulations (3/5)</li> <li>Tiles, facing tiles, panels</li> <li>- as internal or external finishes in walls and ceilings subject to reaction to fire regulations (3/5)</li> <li>Featured profiles and suspending frames</li> <li>- intended to support internal or external wall or ceiling finishes, or suspended ceilings, subject to reaction to fire regulations (3/5)</li> </ul> <p><i>(according to Annex III of Commission Decision No. 98/437/EC, as amended by Commission Decision 2001/596/EC)</i></p>	and of the Council, System 3	ČSN EN 13245-2; ČSN EN 13964 ed. 2; ČSN EN 14411 ed. 2; ČSN EN 14509 ed. 2; ČSN EN 14782; ČSN EN 14783; ČSN EN 14915; ČSN EN 15102+A1; ČSN EN 15286; ČSN EN 16153+A1; ČSN EN 492+A2; ČSN EN 494+A1
1.15.4	Suspended ceilings (kits), tiles and slabs, shingles, facing tiles, panels <ul style="list-style-type: none"> <li>- as internal or external finishes in walls and ceilings subject to regulations on dangerous substances (4/5)</li> </ul> <p><i>(according to Annex III of Commission Decision No. 98/437/EC, as amended by Commission Decision 2001/596/EC)</i></p>	Regulation (EU) No. 305/2011 of the European Parliament and of the Council, System 3	ČSN EN 1013+A1; ČSN EN 12467+A2; ČSN EN 13245-2; ČSN EN 13964 ed. 2; ČSN EN 14509 ed. 2; ČSN EN 14915; ČSN EN 15286; ČSN EN 16153+A1; ČSN EN 492+A2; ČSN EN 494+A1
<b>1.16</b>	<b>Roof coverings, roof lights, roof windows and ancillary products, roof kits</b>		

**The Appendix is an integral part of  
Certificate of Accreditation No: 625/2025 of 4. 12. 2025**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory

Nemanická 441, 370 10 České Budějovice

Ordinal number	Product / Product group name	Conformity assessment procedure/ module/ AVCP system	Basic requirements / harmonised technical specifications: product specifications/ characteristics/ technical standards <sup>1</sup>
1.16.1	<p>Flat and profiled sheets, roofing tiles, slates, stones and shingles, factory-bonded composite or sandwich panels, rooflights, roof windows</p> <p>- for uses subject to fire resistance regulations (e.g. for fire compartmentation) (1/6)</p> <p><i>(according to Annex III of Commission Decision No. 98/436/EC, as amended by Commission Decision 2001/596/EC)</i></p>	<p>Regulation (EU) No. 305/2011 of the European Parliament and of the Council, System 3</p>	<p>ČSN EN 492+A2; ČSN EN 544 ed. 2; ČSN EN 1304; ČSN EN 1873; ČSN EN 14509 ed. 2; ČSN EN 14963</p>
1.16.2	<p>Flat and profiled sheets, roofing tiles, slates, stones and shingles, factory-bonded composite or sandwich panels, rooflights, roof windows, fascias and soffit boards</p> <p>- for uses subject to reaction to fire regulations (2/6)</p> <p><i>(according to Annex III of Commission Decision No. 98/436/EC, as amended by Commission Decision 2001/596/EC)</i></p>	<p>Regulation (EU) No. 305/2011 of the European Parliament and of the Council, System 3</p>	<p>ČSN EN 490 ed. 2:2012; ČSN EN 492+A2; ČSN EN 494+A1; ČSN EN 1013+A1; ČSN EN 1873; ČSN EN 14509 ed. 2; ČSN EN 14782; ČSN EN 14783; ČSN EN 14963; ČSN EN 16153+A1; ČSN EN 16240</p>

**The Appendix is an integral part of  
Certificate of Accreditation No: 625/2025 of 4. 12. 2025**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory

Nemanická 441, 370 10 České Budějovice

Ordinal number	Product / Product group name	Conformity assessment procedure/ module/ AVCP system	Basic requirements / harmonised technical specifications: product specifications/ characteristics/ technical standards <sup>1</sup>
1.16.3	<p>Flat and profiled sheets, roofing tiles, slates, stones and shingles, factory-bonded composite or sandwich panels, rooflights, roof windows, mastic asphalt roofing, roof pavings, roof access systems, walkways and footholds, accessories for roof coverings</p> <p>- for uses subject to external fire performance regulations and for products requiring testing (3/6)</p> <p><i>(according to Annex III of Commission Decision No. 98/436/EC, as amended by Commission Decision 2001/596/EC)</i></p>	<p>Regulation (EU) No. 305/2011 of the European Parliament and of the Council, System 3</p>	<p>ČSN EN 490 ed. 2:2012; ČSN EN 492+A2; ČSN EN 494+A1; ČSN EN 516; ČSN EN 544 ed. 2; ČSN EN 1013+A1; ČSN EN 1304; ČSN EN 1873; ČSN EN 14509 ed. 2; ČSN EN 14782; ČSN EN 14783; ČSN EN 14963; ČSN EN 16153+A1</p>
1.16.4	<p>Flat and profiled sheets, factory-bonded composite or sandwich panels, rooflights, roof windows</p> <p>- for uses contributing to stiffening the roof structure (4/6)</p> <p><i>(according to Annex III of Commission Decision No. 98/436/EC, as amended by Commission Decision 2001/596/EC)</i></p>	<p>Regulation (EU) No. 305/2011 of the European Parliament and of the Council, System 3</p>	<p>ČSN EN 1873; ČSN EN 14509 ed. 2; ČSN EN 14963</p>
1.16.5	<p>All roof coverings, roof lights, roof windows and ancillary products</p> <p>- for uses subject to regulations on dangerous substances (5/6)</p> <p><i>(according to Annex III of Commission Decision No. 98/436/EC, as amended by Commission Decision 2001/596/EC)</i></p>	<p>Regulation (EU) No. 305/2011 of the European Parliament and of the Council, System 3</p>	<p>ČSN EN 490 ed. 2:2012; ČSN EN 492+A2; ČSN EN 494+A1; ČSN EN 544 ed. 2; ČSN EN 1013+A1; ČSN EN 1304; ČSN EN 1873; ČSN EN 14509 ed. 2; ČSN EN 14782; ČSN EN 14783; ČSN EN 14963; ČSN EN 16153+A1; ČSN EN 16240</p>

**The Appendix is an integral part of  
Certificate of Accreditation No: 625/2025 of 4. 12. 2025**

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory

Nemanická 441, 370 10 České Budějovice

Ordinal number	Product / Product group name	Conformity assessment procedure/ module/ AVCP system	Basic requirements / harmonised technical specifications: product specifications/ characteristics/ technical standards <sup>1</sup>
1.16.6	Roof access systems, walkways and footholds, roof safety hooks and anchorages, mastic asphalt roofing, rooflights, roof windows - for uses other than those specified in families (1/6), (2/6), (3/6), (4/6), (5/6) <i>(according to Annex III of Commission Decision No. 98/436/EC, as amended by Commission Decision 2001/596/EC)</i>	Regulation (EU) No. 305/2011 of the European Parliament and of the Council, System 3	ČSN EN 516; ČSN EN 517; ČSN EN 544 ed. 2; ČSN EN 1873; ČSN EN 14963
<b>1.17</b>	<b>Road construction products</b>		
1.17.1	Bituminous mixtures, surface treatment - for uses subject to reaction to fire regulations (2/2) <i>(according to Annex III of Commission Decision No. 98/601/EC, as amended by Commission Decision 2001/596/EC)</i>	Regulation (EU) No. 305/2011 of the European Parliament and of the Council, System 3	ČSN EN 13108-1; ČSN EN 13108-2; ČSN EN 13108-3; ČSN EN 13108-4; ČSN EN 13108-5; ČSN EN 13108-6; ČSN EN 13108-7
<b>1.18</b>	<b>Construction adhesives</b>		
1.18.1	Construction adhesives - for uses subject to reaction to fire regulations (2/2) Adhesives/mortars and adhesives for tiles - for internal and external use in buildings and other civil engineering works (1/2) - for uses subject to reaction to fire regulations (2/2) <i>(according to Annex III of Commission Decision No. 1999/470/EC, as amended by Commission Decision 2001/596/EC)</i>	Regulation (EU) No. 305/2011 of the European Parliament and of the Council, System 3	ČSN EN 12004+A1

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

**Technický a zkušební ústav stavební Praha, s.p.**

CAB number 1018.3, Central Laboratory

Nemanická 441, 370 10 České Budějovice

Ordinal number	Product / Product group name	Conformity assessment procedure/ module/ AVCP system	Basic requirements / harmonised technical specifications: product specifications/ characteristics/ technical standards <sup>1</sup>
<b>1.19</b>	<b>Products for concrete, mortars and injection mortars</b>		
1.19.1	Fibres - for uses other than structural use in concrete, mortar and grout (1/2) <i>(according to Annex III of Commission Decision No. 1999/469/EC, as amended by Commission Decision 2001/569/EC)</i>	Regulation (EU) No. 305/2011 of the European Parliament and of the Council, System 3	ČSN EN 14889-1; ČSN EN 14889-2
1.19.2	Concrete protection and repair products - for uses subject to reaction to fire regulations (2/2) <i>(according to Annex III of Commission Decision No. 1999/469/EC, as amended by Commission Decision 2001/569/EC)</i>	Regulation (EU) No. 305/2011 of the European Parliament and of the Council, System 3	ČSN EN 1504-2; ČSN EN 1504-3; ČSN EN 1504-4; ČSN EN 1504-6
<b>1.20</b>	<b>Tubes, tanks and ancillaries, which are not in contact with water intended for human consumption</b>		
1.20.1	Pipes; piping kits; tanks; leakage alarm systems and overflow prevention devices; fittings, adhesives, joints, joint sealings and gaskets; ducts and conduits for protection; pipe/duct supports; valves and taps; safety ancillaries - in installations for the transport/distribution/storage of gas/fuel intended for the supply of building heating/cooling systems, from the external storage reservoir or the last pressure reduction unit of the network to the inlet of the heating/cooling systems of the building (1/5) <i>(according to Annex III of Commission Decision No. 1999/472/EC, as amended by</i>	Regulation (EU) No. 305/2011 of the European Parliament and of the Council, System 3	ČSN EN 10255+A1

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Ordinal number	Product / Product group name	Conformity assessment procedure/ module/ AVCP system	Basic requirements / harmonised technical specifications: product specifications/ characteristics/ technical standards <sup>1</sup>
	<i>Commission Decision 2001/596/EC</i>		
1.20.2	<p>Pipes; piping kits; tanks; leakage alarm systems and overflow prevention devices; fittings, adhesives, joints, joint sealings and gaskets; ducts and conduits for protection; pipe/duct supports; valves and taps; safety ancillaries</p> <p>- in installations in areas subject to reaction to fire regulations with a prescribed level, used for the transport/disposal/storage of water not intended for human consumption (4/5)</p> <p><i>(according to Annex III of Commission Decision No. 1999/472/EC, as amended by Commission Decision 2001/596/EC)</i></p>	Regulation (EU) No. 305/2011 of the European Parliament and of the Council, System 3	ČSN EN 10255+A1
1.20.3	<p>Pipes; piping kits; tanks; leakage alarm systems and overflow prevention devices; fittings, adhesives, joints, joint sealings and gaskets; ducts and conduits for protection; pipe/duct supports; valves and taps; safety ancillaries</p> <p>- in installations subject to energy savings regulations, for the transport/disposal/storage of water not intended for human consumption, and for heating systems (5/5)</p> <p><i>(according to Annex III of Commission Decision No. 1999/472/EC, as amended by Commission Decision 2001/596/EC)</i></p>	Regulation (EU) No. 305/2011 of the European Parliament and of the Council, System 3	ČSN EN 10255+A1

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Ordinal number	Product / Product group name	Conformity assessment procedure/ module/ AVCP system	Basic requirements / harmonised technical specifications: product specifications/ characteristics/ technical standards <sup>1</sup>
<b>1.21</b>	<b>Joint sealants</b>		
1.21.1	Sealants - for external walls for outdoor use (1/2) - for glazing, for pedestrian walkways and for sanitary joints for use in building construction (1/2) - for non-structural use in joints in buildings and pedestrian walkways, for uses subject to reaction to fire regulations (2/2)  <i>(according to Annex II of Commission Decision 2011/19/EC)</i>	Regulation (EU) No. 305/2011 of the European Parliament and of the Council, System 3	ČSN EN 15651-1 ed. 2; ČSN EN 15651-2 ed. 2; ČSN EN 15651-3 ed. 2; ČSN EN 15651-4 ed. 2

<sup>1</sup> for dated documents identifying essential requirements / harmonised technical specifications: product specifications / features / technical standards, only the harmonised editions cited are used; for undated documents, the latest harmonised edition of the referenced document (including any amendments) is used

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*"This document is an appendix to the certificate of accreditation. In case of any discrepancies between the English and Czech versions, the Czech version shall prevail, both for the certificate appendix and the certificate itself. "*