

**The Appendix is an integral part of
Certificate of Accreditation No. 292/2022 of 15/06/2022**

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

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

Testing laboratory location:

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

1. Testing Laboratory in Praha (0100)

Tests:

Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
1.2	Concrete, admixtures and fibres for concrete		
1.2.1*	Determination of consistency by slump test	ČSN EN 12350-2	Fresh concrete
1.2.2*	Determination of consistency by VeBe test	ČSN EN 12350-3	Fresh concrete
1.2.3*	Determination of consistency by flow table test	ČSN EN 12350-5	Fresh concrete
1.2.4*	Determination of mass per unit volume	ČSN EN 12350-6	Fresh concrete
1.2.5*	Determination of air content - pressure methods	ČSN EN 12350-7, p. 6	Fresh concrete
1.2.6	Determination of resistance to frost	ČSN 73 1322	Hardened concrete
1.2.7	Determination of resistance to water and chemical de-icing agents	ČSN 73 1326, method A, C	Hardened concrete
1.2.8*	Determination of the shape and dimensions of specimens	ČSN EN 12390-1	Hardened concrete
1.2.9*	Determination of compressive strength, including the manufacture and treatment of test specimens	ČSN EN 12390-2 ČSN EN 12390-3 ČSN EN 12504-1, excl. cl. 6	Hardened concrete
1.2.10	Determination of compressive strength of test specimens	ČSN EN 12390-3	Hardened concrete
1.2.11	Determination of flexural strength of test specimens	ČSN EN 12390-5	Hardened concrete



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
1.2.12	Determination of the indirect tensile strength of test specimens	ČSN EN 12390-6	Hardened concrete
1.2.13	Determination of mass per unit volume	ČSN EN 12390-7	Hardened concrete
1.2.14	Determination of depth of penetration of water under pressure	ČSN EN 12390-8	Hardened concrete
1.2.15*	Determination of compressive strength	ČSN EN 12504-1 except p. 6	Hardened concrete
1.2.16*	Determination of rebound number by hardness drop tester	ČSN EN 12504-2	Hardened concrete
1.2.17*	Test of compressive strength by hardness testing methods (Schmidt N. L.)	ČSN 73 1373	Hardened concrete
1.2.18	Determination of setting time	ČSN EN 480-2	Concrete and mortar additives
1.2.19	Determination of bleeding of water from concrete	ČSN EN 480-4	Concrete and mortar additives
1.2.20	Determination of capillary absorption	ČSN EN 480-5	Concrete and mortar additives
1.2.21	Determination of solids content	ČSN EN 480-8	Concrete and mortar additives
1.2.22	Determination of air void characteristics in hardened concrete	ČSN EN 480-11	Concrete and mortar additives
1.2.23	Determination of flexural tensile strength - limit of proportionality, residual strength	ČSN EN 14651+A1	Metallic fibre-reinforced concrete
1.2.24	Determination of dry bulk density	ČSN EN 678	Autoclaved concrete
1.2.25	Determination of compression strength, flexural strength and concentric compressive strength	ČSN EN 679	Aerated concrete
1.3	Small concrete products		
1.3.1*	Determination of dimensions	ČSN EN 1338, Annex C	Concrete products
1.3.2*	Determination of dimensions	ČSN EN 1339, Annex C	Concrete products
1.3.3*	Determination of dimensions	ČSN EN 1340, Annex C	Concrete products



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
1.3.4	Determination of total water absorption	ČSN EN 1338, Annex E	Concrete products
1.3.5	Determination of total water absorption	ČSN EN 1339, Annex E	Concrete products
1.3.6	Determination of total water absorption	ČSN EN 1340, Annex E	Concrete products
1.3.7	Determination of the indirect tensile strength	ČSN EN 1338, Annex F	Concrete products
1.3.8	Determination of flexural strength and fracture load	ČSN EN 1339, Annex F	Concrete products
1.3.9	Determination of bending strength	ČSN EN 1340, Annex F	Concrete products
1.3.10	Determination of abrasiveness – Böhme	ČSN EN 1338, annex H	Concrete products
1.3.11	Determination of resistance to freezing/thawing	ČSN EN 1338, Annex D	Concrete products
1.3.12	Determination of resistance to freezing/thawing	ČSN EN 1339, Annex D	Concrete products
1.3.13	Determination of resistance to freezing/thawing	ČSN EN 1340, Annex D	Concrete products
1.4	Concrete building components and structures		
1.4.1*	Determination of shapes and dimensions, appearance	ČSN 73 0212-5	Building components
1.4.2	Tests of strength and load bearing capacity	ČSN EN 1916, Annex C	Concrete pipes
1.4.3	Tests of strength and load bearing capacity	ČSN EN 1917 except Annex C, D	Concrete manholes
1.4.4	Determination of shear load capacity	ČSN EN 1168+A3, Annex J	Hollow core slabs
1.4.5	Determination of mechanical durability and stability	ČSN EN 1520 ed. 2, annex B	Reinforced components of lightweight concrete
1.4.6	Determination of impact strength	ČSN 73 2035	Building components
1.5	Timber, timber components, timber based and fibre-cement products		
1.5.1*	Static loading tests	ČSN EN 380 ČSN 73 2030, Annex D	Timber structures
1.5.2	Determination of load-bearing capacity and stiffness	ČSN EN 594	Timber structures
1.5.3	Determination of bearing capacity and deformation behaviour	ČSN EN 595	Timber structures
1.5.4	Soft body impact test	ČSN EN 596	Timber structures



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1.5.5	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
1.5.6	Visual determination of grading characteristics	ČSN 73 2824-1	Coniferous sawn timber for structural elements
1.5.7	Determination of shear strength - shear test of glued joints	ČSN EN 14080, annex D	Glued timber
1.5.8*	Testing of dimensions and geometrical characteristics	ČSN EN 12467+A2, p. 7.2	Fibre-cement flat sheets
1.5.9*	Determination of moisture content	ČSN EN 13183-2	Structural timber
1.5.10	Determination of moisture content	ČSN EN 322	Wood-based panels
1.5.11	Determination of hard body impact resistance	ČSN EN 1128	Cement-bonded particleboards
1.5.12	Determination of strength and deformation characteristics of transversely loaded joints	ČSN EN 1380	Fixtures for timber structures (nails, screws, dowels and bolts)
1.5.13	Determination of tensile, compressive and shear strength	ČSN EN 1075	Fixtures for timber structures (joints made with punched metal plate fasteners)
1.5.14	Determination of bearing capacity and deformation - parallel to the fibres and perpendicular to the fibres	ČSN EN 1381	Fixtures for timber structures (stapled joints)
1.5.15	Determination of withdrawal capacity	ČSN EN 1382	Fixtures for timber structures (screws, nails, staples)
1.5.16	Determination of pull through resistance	ČSN EN 1383	Fixtures for timber structures (screws, nails, staples, bolts)

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1.5.17	Determination of strength and deformation	ČSN EN 26891	Fasteners for timber structures
1.5.18	Determination of dimensions	ČSN EN 14592+A1, p. 5	Fasteners for timber structures
1.5.19	Determination of torsional resistance of driving	ČSN EN 15737	Fasteners for timber structures
1.5.20	Determination of modulus of elasticity in bending and of bending strength	ČSN EN 310	Wood based panels
1.5.21	Determination of transverse tensile strength perpendicular to the plane of the board	ČSN EN 319	Wood based panels
1.5.22	Determination of moisture resistance	ČSN EN 321	Wood based panels
1.5.23	Determination of swelling in thickness	ČSN EN 317	Wood based panels
1.7	Glass grids, geotextiles and geotextile-related products		
1.7.1	Determination of tensile strength and elongation	ČSN EN 13496	Glass fibre mesh
1.9	Materials, products and waterproofing systems		
1.9.1	Determination of length, width and straightness	ČSN EN 1848-1	Asphalt sheets
1.9.2	Determination of length, width and straightness	ČSN EN 1848-2	Plastic and rubber sheets
1.9.3	Determination of thickness	ČSN EN 1849-1	Asphalt sheets
1.9.4	Determination of mass per unit area	ČSN EN 1849-1	Asphalt sheets
1.9.5	Determination of thickness	ČSN EN 1849-2	Plastic and rubber sheets
1.9.6	Determination of mass per unit area	ČSN EN 1849-2	Plastic and rubber belts and sheets
1.9.7	Determination of visible defects	ČSN EN 1850-1	Asphalt sheets
1.9.8	Determination of visible defects	ČSN EN 1850-2	Plastic and rubber belts and sheets
1.9.9	Determination of flow resistance	ČSN EN 1110	Asphalt sheets
1.9.10	Determination of tensile properties	ČSN EN 12311-1	Asphalt sheets
1.9.11	Determination of tensile properties	ČSN EN 12311-2	Plastic and rubber belts and sheets
1.9.12*	Determination of tensile adhesion strength	ČSN EN 13596	Waterproofing of concrete bridge decks



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
1.9.13	Determination of watertightness	ČSN EN 1928	Bitumen, plastic and rubber belts and sheets
1.9.14	Determination of watertightness	ČSN EN 15820	Bituminous polymer-modified cements
1.9.15	Determination of water vapour permeability	ČSN EN 1931	Bitumen, plastic and rubber belts and sheets
1.9.16	Determination of water vapour transmission properties	ČSN EN ISO 12572	Hygroscopic, nonhygroscopic building materials, sheathed products
1.9.17	Determination of dimensional stability	ČSN EN 1107-1	Asphalt sheets
1.9.18	Determination of dimensional stability	ČSN EN 1107-2	Plastic and rubber belts and sheets
1.9.19	Determination of resistance to long term exposure to elevated temperature	ČSN EN 1296	Bitumen, plastic and rubber belts and sheets
1.9.20	Determination of resistance to blistering	ČSN EN 544 ed. 2, p. 6.4.5	Bitumen shingles
1.9.21	Determination of geometrical properties	ČSN EN 544 ed. 2, p. 6.3	Bitumen shingles
1.9.22	Determination of water absorption	ČSN EN 544 ed. 2, p. 6.4.3	Bitumen shingles
1.9.23	Determination of mass per unit area	ČSN EN 544 ed. 2, cl. 6.2	Bitumen shingles
1.9.24	Determination of resistance to delamination	EOTA TR 004	Cast roof waterproofing assemblies
1.9.25	Determination of resistance to wind load	EOTA TR 005	Cast roof waterproofing assemblies
1.9.26	Determination of watertightness	ČSN EN 14891 ed. 2, method A.7	Liquid-applied water impermeable products used under ceramic tiling
1.9.27	Determination of resistance to artificial ageing by fluorescence UV lamp	EOTA TR 010	Cast roof waterproofing assemblies, etc.
1.9.28	Determination of resistance to artificial ageing by long term exposure to the combination of UV radiation, elevated temperature and water	ČSN EN 1297	Bitumen, plastic and rubber belts and sheets
1.9.29	Determination of resistance to dynamic indentation	EOTA TR 006	Cast roof waterproofing assemblies, etc.
1.9.30	Determination of resistance to static indentation	EOTA TR 007 except p. 5.2.5 c)	Cast roof waterproofing assemblies, etc.
1.9.31	Determination of accelerated ageing by heat	EOTA TR 011	Cast roof waterproofing assemblies, etc.



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1.9.32	Determination of accelerated ageing by hot water	EOTA TR 012	Cast roof waterproofing assemblies, etc.
1.9.33	Determination of the effects liquid chemicals, including water	ČSN EN 1847	Plastic and rubber belts and sheets
1.9.34	Determination of peel resistance of joints fissility of sheets	ČSN EN 12316-1	Asphalt sheets
1.9.35	Determination of resistance to tearing (nail shank)	ČSN EN 12310-1	Asphalt sheets
1.9.36	Determination of peel resistance of joints	ČSN EN 12316-2	Plastic and rubber belts and sheets
1.9.37	Determination of shear resistance of joints	ČSN EN 12317-2	Plastic and rubber belts and sheets
1.12	Stone, aggregates, inactive concrete admixtures, soils		
1.12.1	Determination of resistance to freezing and thawing	ČSN EN 1367-1	Aggregates
1.12.2	Determination of particle size distribution – sieving analysis	ČSN EN 933-1	Aggregates
1.12.3	Determination of particle shape – Shape index	ČSN EN 933-4	Aggregates
1.12.4	Determination of percentage of crushed and broken surfaces in coarse aggregate particles	ČSN EN 933-5	Aggregates
1.12.5	Determination of resistance to fragmentation	ČSN EN 1097-2	Aggregates
1.12.6	Determination of loose bulk density and voids	ČSN EN 1097-3	Aggregates
1.12.7	Determination of water content by drying in a ventilated oven	ČSN EN 1097-5	Aggregates
1.12.8	Determination of particle density and water absorption	ČSN EN 1097-6	Aggregates
1.12.9	Determination of resistance by magnesium sulphate	ČSN EN 1367-2	Aggregates
1.12.10	Determination of density and water absorption	ČSN EN 14617-1	Agglomerated stone
1.12.11	Determination of flexural strength	ČSN EN 14617-2	Agglomerated stone
1.12.12	Determination of freeze resistance	ČSN EN 14617-5	Agglomerated stone



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1.14	Metallic materials and parts in construction		
1.14.1	Performance of tensile tests	ČSN EN ISO 6892-1	Metallic products
1.14.2	Performance of tensile tests	ČSN EN ISO 15630-1, p. 5	Metallic products
1.14.3	Performance of tensile tests	ČSN EN ISO 17660-1, p. 14.2	Metallic products
1.14.4	Performance of tensile tests	ČSN EN ISO 17660-2, p. 14.2	Metallic products
1.14.5	Bend test	ČSN EN ISO 7438, p. 4.1.	Metallic products
1.14.6	Bend test	ČSN EN ISO 17660-1, p. 14.4	Metallic products
1.14.7	Bend test	ČSN EN ISO 17660-2, p. 14.4	Metallic products
1.14.8*	Determination of shape and dimensional accuracy of wrought products	ČSN EN ISO 15630-1, p. 10, 11	Metallic products
1.14.9	Determination of angle accuracy	ČSN EN 14195	Metallic products
1.14.10	Performance of fatigue tests	ČSN EN ISO 15630-1, p. 8	Metallic products
1.14.11*	Determination of the quality of metal coating – microscopic test	ČSN EN ISO 1463	Metallic products
1.14.12	Shear test	ČSN EN ISO 17660-1, p. 14.3	Metallic products
1.14.13	Shear test	ČSN EN ISO 17660-2, p. 14.3	Metallic products
1.14.14	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
1.14.15	Salt spray test	ČSN EN ISO 9227, p. 5.2	Metallic products
1.14.16	Determination of dimensions and limit deviations of organic coats	ČSN EN 10245-1	Metallic products
1.14.17	Determination of torsional strength	ČSN EN ISO 10666, p. 4.2.3	Drilling screws
1.17	Mortars, mortar mixtures, renovation materials, screeds		
1.17.1	Frost resistance test	ČSN 72 2452	Masonry mortars
1.17.2	Determination of consistence by flow table	ČSN EN 1015-3	Fresh mortars
1.17.3	Determination of consistence by plunger penetration	ČSN EN 1015-4	Fresh mortars



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1.17.4	Determination of mass per unit volume	ČSN EN 1015-6	Fresh mortars
1.17.5	Determination of air content	ČSN EN 1015-7	Fresh mortars
1.17.6	Test of workable life	ČSN EN 1015-9	Fresh mortars
1.17.7	Determination of mass per unit volume	ČSN EN 1015-10	Dry mortars
1.17.8	Test of compressive strength	ČSN EN 1015-11	Dry hardened mortar
1.17.9	Test of compressive strength	ČSN EN 13892-2	Screeds materials
1.17.10	Test of flexural strength	ČSN EN 1015-11	Dry hardened mortars
1.17.11	Test of flexural strength	ČSN EN 13892-2	Screeds materials
1.17.12*	Determination of adhesion	ČSN EN 1015-12	Dry hardened mortars
1.17.13	Determination of adhesion	ČSN EN 12004-2 ČSN EN 1348:2008 EN 1348:2007	Cement mortars and adhesives
1.17.14*	Determination of adhesion	ČSN EN 13892-8	Screeds materials
1.17.15	Determination of capillary water absorption coefficient	ČSN EN 1015-18	Hardened mortars
1.17.16	Determination of water vapour permeability	ČSN EN 1015-19	Rendering and plastering mortars
1.17.17	Determination of slip	ČSN EN 12004-2	Mortars and adhesives
1.17.18	Measurement of bond strength by shear test	ČSN EN 12004-2 ČSN EN 1324:2008 EN 1324:2007	Mortars and dispersion adhesives
1.17.19	Determination of open time	ČSN EN 12004-2	Mortars and adhesives
1.17.20	Measurement of bond strength by shear test	ČSN EN 12004-2 ČSN EN 12003:2009 EN 12003:2008	Mortars and adhesives based on curable resins
1.17.21	Determination of abrasion resistance (Böhme)	ČSN EN 13892-3	Screeds materials
1.17.22	Determination of wear resistance by BCA method	ČSN EN 13892-4	Screeds materials
1.17.23	Determination of surface hardness	ČSN EN 13892-6	Screeds materials
1.17.24*	Determination of bleeding, volume changes, fluidity and compressive strength	ČSN EN 445, p. 4.3, 4.4, 4.5, 4.6	Injection mortars
1.17.25	Determination of linear shrinkage	ČSN EN 12617-1	Renovation materials



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1.17.26	Determination of thermal compatibility – freeze-thaw cycling with de-icing salt immersion	ČSN EN 13687-1	Renovation materials
1.17.27	Determination of shrinkage and expansion	ČSN EN 12617-4, p. 6	Renovation materials
1.17.28	Determination of compressive strength	ČSN EN 12190	Renovation materials, repair mortars
1.17.29	Determination of resistance to capillary absorption	ČSN EN 13057	Renovation materials
1.17.30	Determination of resistance to carbonation depth	ČSN EN 13295	Renovation materials
1.17.31*	Determination of carbonation depth	ČSN EN 14630	Renovation materials
1.17.32	Determination of abrasion resistance	ČSN EN ISO 5470-1	Renovation materials
1.17.33	Pull-out test	ČSN EN 1881	Renovation materials
1.17.34	Measurement of bond strength by pull-off	ČSN EN 1542	Renovation materials
1.17.35	Determination of modulus of elasticity in compression	ČSN EN 13412	Renovation materials
1.17.36	Determination of carbon dioxide permeability	ČSN EN 1062-6, p. 8.1, method A	Renovation materials
1.17.37	Determination of resistance to severe chemical attack – method without pressure	ČSN EN 13529	Renovation materials
1.17.38	Determination of joint strength	EGOLF EA 05, cl. 5	Fire protection mortars for steel and concrete structures
1.20	Draining elements		
1.20.1	Load test	ČSN EN 1433, p. 9.1	Drainage channels for vehicular and pedestrian areas
1.20.2	Determination of dimensions and shape	ČSN EN 1433, p. 9.3	Drainage channels for vehicular and pedestrian areas
1.20.3	Determination of resistance to frost and chemical de-icing agents	ČSN EN 1433, Annex C	Drainage channels for vehicular and pedestrian areas
1.20.4	Determination of dimensions and shapes	ČSN EN 124-1, p. 8.4	Gully tops and manhole tops
1.20.5	Determination of physico-mechanical characteristics	ČSN EN 1433	Drainage channels for vehicular and pedestrian areas
1.20.6	Permanent set test	ČSN EN 124-1, Annex A	Gully tops and manhole tops
1.20.7	Test of load bearing capacity	ČSN EN 124-1, Annex B	Gully tops and manhole tops



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
1.21	Doors and windows, roof lights, hardware		
1.21.1	Air permeability test	ČSN EN 1026	Windows and doors
1.21.2	Air permeability test	ČSN EN 12427	Gates
1.21.3	Water tightness test	ČSN EN 1027	Windows and doors
1.21.4	Test of the resistance to wind load	ČSN EN 12211	Windows and doors
1.21.5	Test of the resistance to wind load	ČSN EN 12444	Gates
1.21.6	Determination of the strength of welded corners	ČSN EN 514	PVC-U profiles for the manufacture of doors and windows
1.21.7	Determination of thermal transmission coefficient - by test - by calculation	ČSN EN ISO 12567-1 ČSN EN ISO 10077-1 (windows, doors) ČSN EN 12428 (gates)	Windows, doors and gates
1.21.8	Determination of thermal transmission coefficient - by test - by calculation	ČSN EN 12412-2 ČSN EN ISO 10077-2	Window and door frames
1.21.9	Determination of thermal transmission coefficient - by test - by calculation	ČSN EN ISO 12567-2 ČSN EN 1873+A1, annex D	Rooflights
1.21.10	Determination of resistance to water penetration	ČSN EN 12489	Gates
1.21.11	Determination of the resistance to soft and heavy body impact	ČSN EN 949	Doors
1.21.12	Determination of the resistance to soft and heavy body impact	ČSN EN 13049	Windows
1.21.13	Determination of the resistance to static torsion	ČSN EN 948	Doors
1.21.14	Determination of the resistance to static torsion	ČSN EN 14609	Windows
1.21.15	Determination of resistance to racking	ČSN EN 947	Doors
1.21.16	Determination of resistance to racking	ČSN EN 14608	Windows
1.21.17	Determination of resistance to hard body impact	ČSN EN 950	Door leaves



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1.21.18	Determination of resistance to upward loads	ČSN EN 1873+A1, p. 6.5.1	Individual rooflight
1.21.19	Determination of resistance to downward load	ČSN EN 1873+A1, p. 6.5.1	Individual rooflight
1.21.20	Determination of resistance to small hard body impact	ČSN EN 1873+A1, p. 6.5.2	Individual rooflight
1.21.21	Determination of resistance to large soft body impact	ČSN EN 1873+A1, p. 6.5.2	Individual rooflight
1.23	Plastics and composites		
1.23.1	Determination of resistance to artificial ageing – fluorescence UV lamps	ČSN EN ISO 4892-3	Plastics, rubbers, bitumen
1.23.2	Determination of water absorption	ČSN EN ISO 62	Plastics
1.23.3	Determination of tensile properties	ČSN EN ISO 527-1	Plastics
1.23.4	Determination of tensile properties	ČSN EN ISO 527-2	Plastics
1.23.5	Determination of tensile properties	ČSN EN ISO 527-3	Plastics
1.23.6	Determination of compressive properties	ČSN EN ISO 604	Thermoplastics, thermosets and thermotropic polymers on the basis of liquid crystals
1.23.7	Determination of flexural properties	ČSN EN ISO 178	Thermoplastics and thermosets
1.23.8	Determination of the effects of immersion in liquid chemicals (including water)	ČSN EN ISO 175, p. 5.4, 5.6	Plastics
1.23.9	Determination of linear dimensions	ČSN EN ISO 1923	Cellular plastics and rubbers
1.23.10	Determination of mass per unit volume	ČSN EN ISO 845	Cellular plastics and rubbers
1.23.11	Determination of thickness, width and length	ČSN EN ISO 12017, p. 6.2, 6.3	Plastics (e.g. PMMA)
1.23.12	Determination of mass per unit area	ČSN EN ISO 12017	Plastics (e.g. PMMA)
1.23.13	Determination of flexural properties	ČSN EN ISO 12017	Plastics (e.g. PMMA)
1.23.14	Determination of resistance to compression	ČSN EN ISO 3386-1	Flexible cellular polymers (low density)
1.23.15	Determination of the resistance to impact of main profiles by falling mass	ČSN EN 477	Unplasticised polyvinyl chloride (PVC-U) profiles

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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
1.23.16	Determination of Shore hardness	ČSN EN ISO 868	Plastics
1.24	Construction cements, fly ash, slags, stabilization of soils, bitumens		
1.24.1	Determination of normal consistency and setting time	ČSN EN 196-3, cl. 1 to 6	Cement, masonry cement
1.24.2	Determination of volume stability	ČSN EN 196-3, cl. 7	Cement, masonry cement
1.24.3	Determination of strength	ČSN EN 196-1	Cement, masonry cement
1.26	Gypsum and gypsum products, rock gypsum, anhydride, MgO based panels		
1.26.1	Determination of flexural strength	ČSN EN 13279-2, p. 4.5.4	Gypsum binders and gypsum plasters
1.26.2	Determination of compressive strength	ČSN EN 13279-2, p. 4.5.5	Gypsum binders and gypsum plasters
1.26.3	Determination of adhesion	ČSN EN 13963 ed. 2	Jointing materials for gypsum boards
1.26.4	Determination of setting time	ČSN EN 13963 ed. 2	Jointing materials
1.26.5	Determination of total water absorption	ČSN EN 520+A1, p. 5.9.2	Plasterboards
1.26.6	Determination of width	ČSN EN 13950	Gypsum board thermal/acoustic insulation composite panels
1.26.7	Determination of thickness	ČSN EN 13950	Gypsum board thermal/acoustic insulation composite panels
1.26.8	Determination of adhesion	ČSN EN 13950	Gypsum board thermal/acoustic insulation composite panels
1.26.9	Determination of width	ČSN EN 13950 ed. 2	Gypsum thermal/acoustic insulation composite panels
1.26.10	Determination of thickness	ČSN EN 13950 ed. 2	Gypsum thermal/acoustic insulation composite panels
1.26.11	Determination of adhesion	ČSN EN 13950 ed. 2	Gypsum thermal/acoustic insulation composite panels
1.29	Cement, adhesives, jointing materials, paints and coating, surface finishes		
1.29.1*	Determination of adhesion	ČSN 73 2577	Surface finish
1.29.2*	Determination of watertightness	ČSN 73 2578	Surface finish
1.29.3	Determination of resistance to frost	ČSN 73 2579	Surface finish
1.29.4	Determination of water vapour transmission properties	ČSN 73 2580	Surface finish



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
1.29.5	Determination of resistance to rapid temperature changes	ČSN 73 2581	Surface finish
1.29.6	Determination of resistance to abrasion	ČSN 73 2582	Surface finish
1.29.7	Determination of resistance to liquids	ČSN EN ISO 2812-1	Surface finish
1.29.8	Determination of resistance to liquids	ČSN EN ISO 2812-4	Surface finish
1.29.9	Determination of adhesion by pull-off test	ČSN EN ISO 4624	Surface finish
1.29.10	Determination of water vapour transmission rate	ČSN EN ISO 7783	Surface finish
1.29.11	Determination of water permeability	ČSN EN 1062-3	Surface finish
1.29.12	Drop weight test	ČSN EN ISO 6272-1	Surface finish
1.29.13*	Determination of resistance of paint coatings and varnishes to separation from substrates – cross-cut test	ČSN EN ISO 2409	Surface finish
1.29.14*	Determination of thickness	ČSN EN ISO 2808	Surface finish
1.29.15	Determination of resistance to humidity	ČSN EN ISO 6270-1	Surface finish
1.29.16	Assessment of degree of blistering	ČSN EN ISO 4628-2	Surface finish
1.29.17	Assessment of degree of rusting	ČSN EN ISO 4628-3	Surface finish
1.29.18	Assessment of degree of cracking	ČSN EN ISO 4628-4	Surface finish
1.29.19	Assessment of degree of flaking	ČSN EN ISO 4628-5	Surface finish
1.29.20	Assessment of degree of delamination and corrosion around a scribe	ČSN EN ISO 4628-8	Surface finish
1.29.21	Determination of resistance to artificial ageing - UV lamps and water	ČSN EN 927-6	Surface finish
1.29.22	Determination of non-volatile-matter content	ČSN EN ISO 3251	Surface finish
1.29.23	Determination of elastic recovery	ČSN EN ISO 7389	Sealants
1.29.24	Determination of resistance to flow	ČSN EN ISO 7390	Sealants
1.29.25	Determination of adhesion and cohesion	ČSN EN ISO 9046	Sealants



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
1.29.26	Determination of volume changes	ČSN EN ISO 10563	Sealants
1.29.27	Determination of adhesion and cohesion at maintained extension after immersion in water	ČSN EN ISO 10590	Sealants
1.29.28	Determination of adhesion and cohesion properties after immersion in water	ČSN EN ISO 10591	Sealants
1.29.29	Determination of tensile properties	ČSN EN ISO 8339, p. 8.2	Sealants
1.29.30	Determination of tensile properties at maintained extension	ČSN EN ISO 8340	Sealants
1.29.31	Determination of resistance to compression	ČSN EN ISO 11432	Sealants
1.29.32	Determination of chemical resistance	ČSN EN 12808-1	Grout for tiles
1.29.33	Determination of flexural and compressive strength	ČSN EN 12808-3	Grout for tiles
1.29.34	Determination of shrinkage	ČSN EN 12808-4	Grout for tiles
1.29.35	Determination of water absorption	ČSN EN 12808-5	Grout for tiles
1.29.36	Determination of ageing resistance – exposure to offshore and related environments	ČSN EN ISO 12944-9, Annex B	Surface finish
1.30	Thermal insulation materials and products, thermal tests		
1.30.1	Determination of tensile strength parallel to faces	ČSN EN 1608	Thermal insulation materials and products
1.30.2	Determination of setting of blown insulation	ČSN EN 15101-1+A1, Annex B, method B.2	Thermal insulation materials and products
1.30.3*	Determination of length and width	ČSN EN 822	Thermal insulation materials and products
1.30.4*	Determination of thickness	ČSN EN 823	Thermal insulation materials and products
1.30.5	Pressure test	ČSN EN 826	Thermal insulation materials and products
1.30.6	Determination of shear strength in axial direction	ČSN EN 253, p. 5.4.1	Thermal insulation materials and products
1.30.7	Determination of shear strength in axial direction	ČSN EN 15632-4, p. 6.2	Thermal insulation materials and products
1.30.8	Determination of tensile strength perpendicular to face	ČSN EN 1607	Thermal insulation materials and products



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
1.30.9	Determination of dimensional stability under specified temperature and humidity conditions	ČSN EN 1604	Thermal insulation materials and products
1.30.10	Determination of dimensional stability at constant laboratory conditions	ČSN EN 1603	Thermal insulation materials and products
1.30.11	Determination of water absorption by partial immersion	ČSN EN ISO 29767 ČSN EN 1609:2013	Thermal insulation materials and products
1.30.12	Determination of long term water absorption by immersion	ČSN EN ISO 16535	Thermal insulation materials and products
1.30.13	Determination elongation at break	ČSN EN 253, p. 5.2.2	Thermal insulation materials and products
1.30.14	Determination of the content of pores and air voids	ČSN EN 253, p. 5.3.2	Thermal insulation materials and products
1.30.15	Measurement of diameter	ČSN EN 253, p. 4.2.2	Thermal insulation materials and products
1.30.16	Measurement of diameter	ČSN EN 253, p. 4.3.2.1	Thermal insulation materials and products
1.30.17	Measurement of wall thickness	ČSN EN 253, p. 4.2.3	Thermal insulation materials and products
1.30.18	Measurement of wall thickness	ČSN EN 253, p. 4.3.2.2	Thermal insulation materials and products
1.30.19	Determination of water vapour transmission rate	ČSN EN 12086	Thermal insulation materials and products
1.30.20	Bend test	ČSN EN 12089	Thermal insulation materials and products
1.30.21	Determination of mass per unit volume	ČSN EN 1602	Thermal insulation materials and products
1.30.22	Determination of steady-state thermal transmission properties - by test - by calculation	ČSN EN ISO 8990 ČSN EN ISO 6946, p. 5, 7 ČSN EN ISO 10211	Building materials
1.30.23	Determination of impact resistance	ČSN EN 253, p. 5.4.6	Thermal insulation materials and products
1.30.24	Determination of setting of blown insulation	ISO/CD 18393	Thermal insulation materials and products
1.30.25	Determination of metal corrosion resistance	ČSN EN 15101-1+A1, Annex E	Thermal insulation materials
1.30.26	Determination of thermal resistance by means of guarded hot plate and heat flow meter methods	ČSN EN 12667	Thermal insulation materials



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
1.30.27	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
1.30.28	Determination of compressive strength	ČSN EN 14509 ed- 2, annex A.2	Thermal-insulation materials - Self-supporting sandwich panels
1.30.29	Determination of shear strength	ČSN EN 14509 ed. 2, annex A.3	Thermal-insulation materials - Self-supporting sandwich panels
1.30.30	Determination of flexural strength	ČSN EN 14509 ed. 2, annex A.5	Thermal-insulation materials - Self-supporting sandwich panels
1.30.31	Determination of durability	ČSN EN 14509 ed. 2, annex B	Thermal-insulation materials - Self-supporting sandwich panels
1.30.32	Determination of the reaction profile and free-rise density	ČSN EN 14315-1, Annex E	Thermal insulating materials – PUR foams
1.30.33	Determination of substrate adhesion strength perpendicular to faces	ČSN EN 14315-1, Annex F	Thermal insulating materials – PUR foams
1.30.34	Reaction to fire tests – Single-flame source test	ČSN EN ISO 11925-2	Thermal insulating materials and building materials
1.30.35	Reaction to fire tests for products - Non-combustibility test	ČSN EN ISO 1182	Thermal insulation materials and construction materials
1.30.36	Determination of settlement of blown insulation (moisture)	ČSN EN 15101-1+A1, Annex B, method B.1	Thermal insulation materials and products
1.30.37	Determination of settlement of blown insulation	ČSN EN 14064-1 ed. 2, Annex J	Thermal insulation materials and products
1.30.38	Determination of behaviour under point load	ČSN EN 12430	Thermal insulation materials and products
1.31	Road equipment, road signs, lighting poles		
1.31.1	Impact test (verification of secondary safety – risk of falling debris)	ČSN EN 1794-2, Annex B ČSN EN 1794-2:2004, Annex B EN 1794-2:2003	Elements of noise barriers
1.31.2	Testing of stone impact resistance	ČSN EN 1794-1, Annex C ČSN EN 1794-1:2004, Annex C EN 1794-1:2003	Elements of noise barriers



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
1.32	Thermal insulation systems		
1.32.1	Determination of adhesion to the substrate	ETAG 004, p. 5.1.4.1, 5.1.7.1 EAD 040089-00-0404, p. 2.2.3.1, 2.2.3.3, 2.2.3.4, 2.2.3.20, 2.2.3.21	Adhesive and screed materials for ETICS
1.32.2	Determination of resistance to frost	ETAG 004, p. 5.1.3.2.2 EAD 040089-00-0404, p. 2.2.2.3	Mortars
1.32.3	Determination of tensile strength under normal conditions and after artificial ageing	ETAG 004, p. 5.6.7.1 EAD 040089-00-0404, p. 2.2.3.23 to 2.2.3.25	Mesh ETICS
1.32.4	Determination of water absorption	ETAG 004, p. 5.1.3.1 EAD 040089-00-0404, p. 2.2.2.1	ETICS
1.32.5	Determination of impact resistance	ETAG 004, p. 5.1.3.3. EAD 040089-00-0404, p. 2.2.3.19	ETICS
1.32.6	Determination of mass per unit volume	ETAG 004, p. C.1.2.2	Fresh mortar – ETICS
1.32.7	Determination of mass per unit area	ETAG 004, cl. C.3.1	Mesh, reinforcement mesh - ETICS
1.32.8	Determination of mass per unit volume	ETAG 004, cl. C.1.3	Base layer, dry hardened mortar - ETICS
1.32.9	Determination of grain size	ETAG 004, p. C.1.1.4	Pastes, powders – ETICS
1.33	Loading tests of bridges, building structure and floors		
1.33.1*	Static loading tests	ČSN 73 2030, Annexes A, B, C	Building structures and their parts
1.33.2	Determination of impact resistance	ČSN 74 3305, Annex B	Railings
1.34	Masonry, hardware, partition walls, ceilings, floors		
1.34.1	Determination of impact resistance	ISO 7892	Ventilated facades, partition kits, railings
1.34.2	Determination of impact resistance – small hard body	EOTA TR 001, p. 3	Ventilated facades, partition kits, railings
1.34.3	Determination of impact resistance – large soft body	EOTA TR 001, p. 2	Ventilated facades, partition kits, railings



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
1.35	Masonry units, permanent formwork, ceiling elements, burnt and concrete roofing		
1.35.1	Determination of water permeability	ČSN EN 539-1	Clay roofing tiles
1.35.2	Determination of dimensions	ČSN EN 772-16	Masonry units
1.35.3	Determination of compression strength, flexural strength and load capacity	ČSN 72 2605	Masonry materials, burnt roofing
1.35.4	Determination of load-bearing capacity	ČSN EN 538	Masonry materials, burnt roofing
1.35.5	Determination of fracture load	ČSN 72 2642, cl. 13	Brick products - ceiling materials
1.35.6	Determination of resistance to frost	ČSN 72 2601, Annex A	Brick products
1.35.7	Determination of resistance to frost	ČSN EN 772-18	Calcium silicate masonry units
1.35.8	Testing of dimensional tolerances and mass	ČSN EN 491, p. 5.2 to 5.5	Concrete roofing tiles
1.35.9	Determination of percentage area of voids (by paper indentation)	ČSN EN 772-2	Concrete masonry units
1.35.10	Determination of net volume and percentage of voids and material by filling the voids with sand	ČSN EN 772-9	Calcium silicate masonry units
1.35.11	Determination of geometrical characteristics	ČSN EN 1024	Clay roofing tiles
1.35.12	Determination of moisture content	ČSN EN 772-10	Calcium silicate masonry units, aerated concrete units
1.35.13	Determination of water absorption by boiling in water	ČSN EN 772-7	Burnt masonry units for damp proof course units
1.35.14	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 of manufactured and natural stone
1.35.15	Determination of cold water absorption	ČSN EN 772-21	Burnt and calcium silicate masonry units
1.35.16	Determination of net volume and percentage of voids by hydrostatic weighing	ČSN EN 772-3	Masonry units

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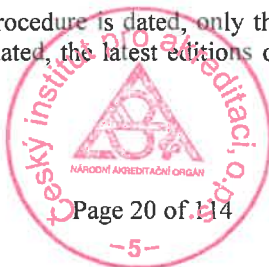
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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
1.35.17	Determination of mass per unit volume	ČSN EN 772-13	Masonry units
1.35.18	Determination of transversal fracture load	ČSN EN 1344, Annex D	Clay pavers
1.35.19	Determination of moisture movement	ČSN EN 772-14	Masonry units
1.35.20	Determination of strength	ČSN EN 15435, Annex A, B	Precast concrete products
1.35.21	Measurement of surface dimensions and characteristics	ČSN EN 15037-2+A1, p. 5.1	Beam-and-block floor systems
1.35.22	Measurement of surface dimensions and characteristics	ČSN EN 15037-3+A1, p. 5.1	Beam-and-block floor systems
1.35.23	Determination of resistance to concentric load	ČSN EN 15037-3+A1, p. 5.2.1	Beam-and-block floor systems
1.35.24	Determination of flexural strength	ČSN EN 15037-2+A1, p. 5.2.2	Beam-and-block floor systems
1.35.25	Determination of flexural strength	ČSN EN 15037-3+A1, p. 5.2.2	Beam-and-block floor systems
1.35.26	Determination of compressive strength in longitudinal direction	ČSN EN 15037-2+A1, p. 5.2.3	Beam-and-block floor systems
1.35.27	Determination of compressive strength in longitudinal direction	ČSN EN 15037-3+A1, p. 5.2.3	Beam-and-block floor systems
1.35.28	Determination of the indirect strength	ČSN EN 15037-2+A1, p. 5.2.4	Beam-and-block floor systems
1.35.29	Determination of the indirect strength	ČSN EN 15037-3+A1, p. 5.2.4	Beam-and-block floor systems
1.35.30	Determination of compressive strength	ČSN EN 772-1+A1	Masonry units
1.35.31	Determination of water permeability	ČSN EN 491, p. 5.7	Concrete roofing tiles
1.35.32	Determination of mechanical resistance (transverse load bearing capacity)	ČSN EN 491, p. 5.6	Concrete roofing tiles
1.35.33	Frost resistance test	ČSN EN 491, p. 5.8	Concrete roofing tiles
1.35.34	Determination of resistance to concentric load	ČSN EN 15037-2+A1, p. 5.2.1	Beam-and-block floor systems

¹ Asterisk at the ordinal number identifies the tests, which the Laboratory is qualified to carry out outside the permanent Laboratory premises.

² If the document identifying the test procedure is dated, only these specific procedures are used. If the document identifying the test procedure is not dated, the latest editions of the specified procedure are used (including any changes).



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Sampling:

Ordinal number	Sampling procedure name	Sampling procedure identification ¹	Sampled object
1.V.1	Fresh concrete sampling	ČSN EN 12350-1	Fresh concrete
1.V.2	Hardened concrete sampling	ČSN EN 12504-1, p. 6	Hardened concrete
1.V.3	Sampling of bitumen, plastic and rubber sheets	ČSN EN 13416	Bitumen, plastic and rubber sheets for roof waterproofing
1.V.4	Aggregate sampling	ČSN EN 932-1	Aggregates
1.V.5	Sampling and preparation of testing mortars	ČSN EN 1015-2	Mortars
1.V.6	Sampling of cement and ash	ČSN EN 196-7	Cement and fly ash

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2. Testing Laboratory in České Budějovice

Tests:

Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
2.2	Concrete, admixtures and fibres for concrete		
2.2.1*	Determination of consistency by slump test	ČSN EN 12350-2	Fresh concrete
2.2.2*	Determination of consistency by flow table test	ČSN EN 12350-5	Fresh concrete
2.2.3*	Determination of mass per unit volume	ČSN EN 12350-6	Fresh concrete
2.2.4*	Determination of air content - pressure methods	ČSN EN 12350-7, p. 6	Fresh concrete
2.2.5	Determination of tensile strength	ČSN 73 1318	Hardened concrete
2.2.6	Determination of concrete frost resistance	ČSN 73 1322	Hardened concrete
2.2.7	Determination of resistance to water and chemical de-icing agents	ČSN 73 1326, methods A, C	Hardened concrete
2.2.8*	Determination of the shape and dimensions of specimens	ČSN EN 12390-1	Hardened concrete
2.2.9*	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 p. 6	Hardened concrete
2.2.10	Determination of compressive strength of test specimens	ČSN EN 12390-3	Hardened concrete
2.2.11	Determination of flexural strength of test specimens	ČSN EN 12390-5	Hardened concrete
2.2.12	Determination of the indirect tensile strength of test specimens	ČSN EN 12390-6	Hardened concrete
2.2.13	Determination of mass per unit volume	ČSN EN 12390-7	Hardened concrete
2.2.14	Determination of depth of penetration of water under pressure	ČSN EN 12390-8	Hardened concrete

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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
2.2.15	Determination of static modulus of elasticity in compression	ČSN ISO 1920-10	Hardened concrete
2.2.16*	Determination of compressive strength	ČSN EN 12504-1, except p. 6	Hardened concrete
2.2.17*	Determination of rebound number by hardness drop tester	ČSN EN 12504-2	Hardened concrete
2.2.18*	Determination of compressive strength by hardness testing methods (Schmidt N. L.)	ČSN 73 1373	Hardened concrete
2.2.19*	Determination of compressive strength by hardness testing methods (Schmidt N. L.)	ČSN 73 2011	Hardened concrete
2.2.20	Determination of setting time	ČSN EN 480-2	Concrete and mortar additives
2.2.21	Determination of bleeding of concrete	ČSN EN 480-4	Concrete and mortar additives
2.2.22	Determination of capillary absorption	ČSN EN 480-5	Concrete and mortar additives
2.2.23	Determination of solids content	ČSN EN 480-8	Concrete and mortar additives
2.2.24*	Determination of adhesion, tensile strength and impermeability	ČSN 73 6242, annex B	Bridges - surface layers
2.2.25*	Determination of pavement surface macrotexture depth using a volumetric patch technique	ČSN EN 13036-1	Bridges – surfaces
2.2.26*	Determination of irregularity of pavement courses	ČSN 73 6175, p. 8	Bridges – surfaces
2.2.27*	Determination of impermeability by measuring electrical resistance	ČSN 73 6242, Annex D	Bridges - surface layers
2.2.28	Determination of impermeability by high electrical voltage - spark test	ČSN 73 6242, Annex E	Bridges - surface layers



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
2.2.29	Determination of static modulus of elasticity in compression	ČSN ISO 6784	Hardened concrete
2.2.30*	Determination of pile integrity by PIT method	IP 0200T001 (Manual to Pile echo tester)	Hardened concrete
2.2.31*	Determination of pile integrity by CHA method	IP 0200T002 (Manual to Pile echo tester)	Hardened concrete
2.3	Small concrete products		
2.3.1*	Determination of dimensions	ČSN EN 1338, Annex C	Concrete products
2.3.2*	Determination of dimensions	ČSN EN 1339, Annex C	Concrete products
2.3.3*	Determination of dimensions	ČSN EN 1340, Annex C	Concrete products
2.3.4	Determination of total water absorption	ČSN EN 1338, Annex E	Concrete products
2.3.5	Determination of total water absorption	ČSN EN 1339, Annex E	Concrete products
2.3.6	Determination of total water absorption	ČSN EN 1340, Annex E	Concrete products
2.3.7	Determination of the indirect tensile strength	ČSN EN 1338, Annex F	Concrete products
2.3.8	Determination of flexural strength and fracture load	ČSN EN 1339, Annex F	Concrete products
2.3.9	Determination of bending strength	ČSN EN 1340, Annex F	Concrete products
2.3.10	Determination of load capacity and the total bearing capacity	ČSN EN 12839 ed. 2	Elements for fences
2.4	Concrete building components and structures		
2.4.1*	Determination of dimension, shapes, top layer of reinforcement, crack width	ČSN EN 13369, Annex J	Concrete components
2.4.2	Determination of water absorption	ČSN EN 13369, Annex G	Concrete components
2.4.3*	Determination of dimension, shapes, top layer of reinforcement, crack width	ČSN EN 15037-1, Annex H	Concrete girders for ceiling structures
2.4.4	Determination of strength and load bearing capacity	ČSN EN 1916, Annexes C, D	Concrete pipes
2.4.5	Determination of strength and load bearing capacity	ČSN EN 1917, Annexes A, B, C	Concrete manholes



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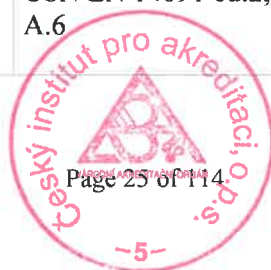
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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
2.4.6*	Static loading test	ČSN EN 15037-1, Annex H	Concrete girders for ceiling structures
2.4.7	Determination of watertightness	ČSN EN 1917, Annexes C, D	Concrete manholes
2.4.8*	Determination of dimensions a characteristics of surface, mechanical resistance	ČSN EN 15037-2+A1, p. 5.1, 5.2.1, 5.2.2, 5.2.3	Concrete components
2.4.9*	Determination of accuracy	ČSN 73 0212-5	Building components
2.4.10	Determination of moisture content by drying at elevated temperature	ČSN EN ISO 12570	Building materials and products
2.4.11	Determination of mass of components	ČSN 73 2045	Building components
2.5	Timber, timber components, timber based and fibre-cement products		
2.5.1*	Static loading tests	ČSN EN 380 ČSN 73 2030, Annex D	Timber structures
2.5.2	Testing of joints of timber structures	ČSN EN 1382 EAD 040089-00-0404, p. 2.2.3.13	Fixtures for timber structures
2.5.3	Determination of resistance to soft body impact	ČSN EN 596	Timber structures
2.6	Physical factors		
2.6.1*	Determination of air permeability of buildings	ČSN EN ISO 9972	Buildings
2.7	Glass grids, geotextiles and geotextile-related products		
2.7.1	Determination of tensile strength and elongation	ČSN EN 13496	Glass fibre mesh
2.9	Materials, products and waterproofing systems		
2.9.1	Determination of watertightness	ČSN EN 14891 ed.2, method A.7	Liquid-applied water impermeable products used under ceramic tiling
2.9.2	Determination of water absorption	ČSN 50 3602, p. 46 to 48	Covering and insulation materials in roll
2.9.3	Determination of mass per unit area	ČSN 50 3602, p. 10, 11	Covering and insulation materials in roll
2.9.4	Determination of the crack bridging	ČSN EN 14891 ed.2, method A.8	Liquid-applied water impermeability products used under ceramic tiling
2.9.5	Determination of adhesion	ČSN EN 14891 ed.2, method A.6	Liquid-applied water impermeability products used under ceramic tiling



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
2.12	Stone, aggregates, inactive concrete admixtures, soils		
2.12.1	Determination of resistance to freezing and thawing	ČSN EN 1367-1	Aggregates
2.12.2	Determination of various aggregate particles	ČSN 72 1180	Aggregates
2.12.3	Determination of fine particle quality - loss on drying test	ČSN 72 1187	Aggregates
2.12.4	Determination of particle size distribution – sieving analysis	ČSN EN 933-1	Aggregates
2.12.5	Determination of particle shape – flakiness index	ČSN EN 933-3	Aggregates
2.12.6	Determination of particle shape – shape index	ČSN EN 933-4	Aggregates
2.12.7	Determination of percentage of crushed and broken surfaces in coarse aggregate particles	ČSN EN 933-5	Aggregates
2.12.8	Determination of fine particle quality - sand equivalent test	ČSN EN 933-8+A1	Aggregates
2.12.9	Determination of fine particle quality - methylene blue test	ČSN EN 933-9+A1	Aggregates
2.12.10	Classification test for the constituents of coarse recycled aggregate	ČSN EN 933-11	Aggregates
2.12.11	Determination of resistance to wear	ČSN EN 1097-1	Aggregates
2.12.12	Determination of resistance to fragmentation	ČSN EN 1097-2	Aggregates
2.12.13	Determination of loose bulk density and voids	ČSN EN 1097-3	Aggregates
2.12.14	Determination of water content by drying in a ventilated oven	ČSN EN 1097-5	Aggregates
2.12.15	Determination of particle density and water absorption	ČSN EN 1097-6	Aggregates
2.12.16	Determination of particle density and water absorption	ČSN EN 1097-7	Aggregates



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
2.12.17	Determination of resistance by magnesium sulphate	ČSN EN 1367-2	Aggregates
2.12.18	Determination of thermal and weathering properties of aggregates – boiling test	ČSN EN 1367-3	Aggregates
2.12.19	Determination of drying shrinkage	ČSN EN 1367-4	Aggregates
2.12.20	Determination of potential content of humus particles	ČSN EN 1744-1+A1, p. 15.1	Aggregates
2.12.21	Determination of durability by accelerated test with sodium sulphate	ČSN 72 1176, method A	Aggregates
2.12.22	Determination of resistance to freezing by freeze test	ČSN 72 1176, method B	Aggregates
2.12.23	Determination of resistance to fragmentation	ČSN EN 13450, Annex C	Aggregates
2.12.24	Determination of resistance to freezing and thawing	ČSN EN 13450, Annex F	Aggregates
2.12.25	Determination of resistance of aggregates to magnesium sulphate	ČSN EN 13450, Annex G	Aggregates
2.12.26	Determination of resistance to freezing and thawing	ČSN EN 1367-7	Lightweight aggregates
2.12.27*	Determination of compaction	ČSN 72 1006, Annex A, B and D	Soils and backfills
2.12.28*	Determination of density with cutting ring	ČSN 72 1010, method A	Soils and backfills
2.12.29*	Determination of compactibility – Proctor compaction	ČSN EN 13286-2	Soils and backfills
2.12.30	Determination of density and water absorption	ČSN EN 14617-1	Agglomerated stone
2.12.31	Determination of flexural strength	ČSN EN 14617-2	Agglomerated stone
2.12.32	Determination of freeze and thaw resistance	ČSN EN 14617-5	Agglomerated stone
2.12.33	Determination of dimensions, geometric characteristics and surface quality	ČSN EN 14617-16	Agglomerated stone
2.12.34*	Static plate load test	ČSN 73 6190	Soils and backfills
2.14	Metallic materials and parts in construction		
2.14.1*	Performance of tensile tests	ČSN EN ISO 6892-1	Metallic products
2.14.2	Bend test	ČSN EN ISO 7438	Metallic products

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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
2.14.3	Bend test	ČSN EN ISO 5173	Metallic products
2.15	Chimneys, chimney sheaths and flues, refractory materials and products, ceramic raw materials		
2.15.1	Determination of freeze-thaw resistance	ČSN EN 14297	Chimney products
2.17	Mortars, mortar mixtures, renovation materials, screeds		
2.17.1	Test of freeze resistance	ČSN 72 2452	Masonry mortars
2.17.2	Determination of particle size distribution – sieving analysis	ČSN EN 1015-1	Dry mortars
2.17.3	Determination of consistence by flow table	ČSN EN 1015-3	Fresh mortars
2.17.4	Determination of consistence by plunger penetration	ČSN EN 1015-4	Fresh mortars
2.17.5	Determination of mass per unit volume	ČSN EN 1015-6	Fresh mortars
2.17.6	Determination of air content	ČSN EN 1015-7	Fresh mortars
2.17.7	Test of workable life	ČSN EN 1015-9	Fresh mortars
2.17.8	Determination of mass per unit volume	ČSN EN 1015-10	Dry hardened mortars
2.17.9	Test of compressive strength	ČSN EN 1015-11, p. 9	Dry hardened mortars
2.17.10	Test of compressive strength	ČSN EN 13892-2, p. 6.2	Screeds materials
2.17.11	Test of flexural strength	ČSN EN 1015-11, p. 8	Dry hardened mortars
2.17.12	Test of flexural strength	ČSN EN 13892-2, p. 6.1	Screeds materials
2.17.13*	Determination of adhesion	ČSN EN 1015-12	Dry hardened mortars
2.17.14	Determination of adhesion	ČSN EN 12004-2 ČSN EN 1348:2008	Cement mortars and adhesives
2.17.15*	Determination of adhesion	ČSN EN 13892-8	Screeds materials
2.17.16	Determination of capillary water absorption coefficient	ČSN EN 1015-18	Hardened mortars
2.17.17	Determination of water vapour permeability	ČSN EN 1015-19	Rendering and plastering mortars
2.17.18	Determination of adhesion to substrate	ČSN EN 1015-21	Mortars and one-coat rendering mortars
2.17.19	Determination of slip	ČSN EN 12004-2	Mortars and adhesives
2.17.20	Measurement of bond strength by shear test	ČSN EN 12004-2 ČSN EN 1324:2008	Mortars and dispersion adhesives

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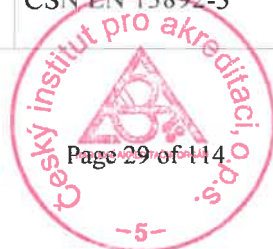
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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
2.17.21	Determination of open time	ČSN EN 12004-2	Mortars and adhesives
2.17.22	Determination of transverse deformation	ČSN EN 12004-2	Cement mortars and grouts
2.17.23	Measurement of bond strength by shear test	ČSN EN 12004-2 ČSN EN 12003:2009	Mortars and adhesives based on curable resins
2.17.24	Determination of dimensional variations	ČSN EN 13872	Screeds materials
2.17.25	Determination of water retention capability	WTA 2-9-04/D, p. 6.2.4	Renovation plasters
2.17.26	Determination of water vapour diffusion resistance factor	WTA 2-9-04/D, p. 6.3.2	Renovation plasters
2.17.27	Determination of capillary water absorption	WTA 2-9-04/D, p. 6.3.6	Renovation plasters
2.17.28	Determination of water penetration depth	WTA 2-9-04/D, p. 6.3.7	Renovation plasters
2.17.29	Determination of porosity	WTA 2-9-04/D, p. 6.3.9	Renovation plasters
2.17.30	Determination of resistance to salts	WTA 2-9-04/D, p. 6.3.10	Renovation plasters
2.17.31	Determination of linear shrinkage	ČSN EN 12617-1	Renovation materials
2.17.32	Determination of thermal compatibility – freeze-thaw cycling with de-icing salt immersion	ČSN EN 13687-1	Renovation materials
2.17.33	Determination of thermal compatibility - Thermal cycling without de-icing salt impact	ČSN EN 13687-3	Renovation materials
2.17.34	Determination of shrinkage and expansion	ČSN EN 12617-4, p. 6, 7	Renovation materials
2.17.35	Determination of compressive strength	ČSN EN 12190	Repair materials, repair mortars
2.17.36	Determination of resistance to capillary absorption	ČSN EN 13057	Renovation materials
2.17.37	Measurement of bond strength by pull-off	ČSN EN 1542	Renovation materials
2.17.38	Determination of the coefficient of thermal expansion	ČSN EN 1770, p. 4	Renovation materials
2.17.39	Determination of setting time	ČSN EN 13294	Renovation materials
2.17.40	Determination of wear resistance - Böhme	ČSN EN 13892-3	Screed materials



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2.17.41	Determination of wear resistance - BCA	ČSN EN 13892-4	Screed materials
2.17.42	Determination of dimensional stability	ČSN EN 13892-9	Screed materials
2.17.43	Determination of water absorption coefficient by partial immersion	ČSN EN ISO 15148	Dry hardened mortars
2.18	Tanks, reservoirs, septic tanks, water treatment plants		
2.18.1*	Determination of water tightness	ČSN 75 0905	Tanks
2.18.2*	Determination of watertightness and nominal dimension	ČSN EN 12566-1, Annex A	Prefabricated septic tanks
2.18.3	Determination of hydraulic efficiency	ČSN EN 12566-1, Annex B	Prefabricated septic tanks
2.23	Plastics and composites		
2.23.1	Determination of water absorption	ČSN EN ISO 62	Plastics
2.23.2	Determination of tensile properties	ČSN EN ISO 527-2	Plastics
2.23.3	Determination of tensile properties	ČSN EN ISO 527-3	Plastics
2.23.4	Determination of the effects of immersion in liquid chemicals (including water)	ČSN EN ISO 175	Plastics
2.24	Construction cement, fly ash, slags, stabilization of soils, bitumens		
2.24.1	Determination of normal consistency and setting time	ČSN EN 196-3, cl. 1 to 6	Cement, masonry cement
2.24.2	Determination of volume stability	ČSN EN 196-3, cl. 7	Cement, masonry cement
2.24.3	Determination of strength	ČSN EN 196-1	Cement, masonry cement
2.24.4	Determination of bulk density	ČSN EN 459-2, p. 7.3	Lime
2.26	Gypsum and gypsum products, rock gypsum, anhydride, MgO based panels		
2.26.1	Determination of flexural strength	ČSN EN 13279-2, p. 4.5.4.	Gypsum binders and gypsum plasters
2.26.2	Determination of compressive strength	ČSN EN 13279-2, p. 4.5.5.	Gypsum binders and gypsum plasters
2.26.3	Determination of adhesion	ČSN EN 13279-2, p. 4.6	Gypsum binders and gypsum plasters



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
2.26.4	Determination of consistence and workable life	ČSN EN 13454-2+A1, p. 5.2	Screeds based on calcium sulfate
2.26.5	Determination of compressive strength and flexural strength	ČSN EN 13454-2+A1, p. 4.4, 5.3	Screeds based on calcium sulfate
2.26.6	Determination of pH	ČSN EN 13454-2+A1, p. 4.2, 5.1	Screeds based on calcium sulfate
2.26.7	Determination of setting time	ČSN EN 13454-2+A1, p. 4.3	Screeds based on calcium sulfate
2.26.8	Determination of shrinkage and expansion	ČSN EN 13454-2+A1, p. 4.5, 5.4	Screeds based on calcium sulfate
2.29	Cement, adhesives, jointing materials, paints and coating, surface finishes		
2.29.1*	Determination of adhesion	ČSN 73 2577	Surface finish
2.29.2*	Determination of watertightness	ČSN 73 2578	Surface finish
2.29.3	Determination of resistance to frost	ČSN 73 2579	Surface finish
2.29.4	Determination of water vapour transmission properties	ČSN 73 2580	Surface finish
2.29.5	Determination of resistance to rapid temperature changes	ČSN 73 2581	Surface finish
2.29.6	Determination of resistance to liquids	ČSN EN ISO 2812-1	Surface finish
2.29.7	Determination of resistance to liquids	ČSN EN ISO 2812-2	Surface finish
2.29.8	Determination of adhesion by pull-off test	ČSN EN ISO 4624	Surface finish
2.29.9	Determination of water vapour transmission rate	ČSN EN ISO 7783 ČSN EN ISO 12572	Surface finish
2.29.10	Determination of water permeability	ČSN EN 1062-3	Surface finish
2.29.11	Drop weight test	ČSN EN ISO 6272-1	Surface finish
2.29.12	Determination of shear strength	ČSN EN 1465	Adhesives
2.29.13	Determination of shear strength – shear test	ČSN EN ISO 22632	Adhesives
2.29.14	Determination of dimensional variations	ČSN EN ISO 22633	Adhesives



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2.29.15	Determination of dimensional changes after ageing	ČSN EN ISO 22635	Adhesives
2.29.16	Determination of elastic recovery	ČSN EN ISO 7389	Sealants
2.29.17	Determination of resistance to flow	ČSN EN ISO 7390	Sealants
2.29.18	Determination of adhesion and cohesion	ČSN EN ISO 9046	Sealants
2.29.19	Determination of volume changes	ČSN EN ISO 10563	Sealants
2.29.20	Determination of adhesion and cohesion at maintained extension after immersion in water	ČSN EN ISO 10590	Sealants
2.29.21	Determination of adhesion and cohesion properties after immersion in water	ČSN EN ISO 10591	Sealants
2.29.22	Determination of tensile properties	ČSN EN ISO 8339	Sealants
2.29.23	Determination of tensile properties at maintained extension	ČSN EN ISO 8340	Sealants
2.29.24	Determination of flexural and compressive strength	ČSN EN 12808-3	Grout for tiles
2.29.25	Determination of shrinkage	ČSN EN 12808-4	Grout for tiles
2.29.26	Determination of water absorption	ČSN EN 12808-5	Grout for tiles
2.29.27	Determination of resistance to peeling	ČSN EN ISO 22631	Adhesives
2.29.28	Determination of shear strength	ČSN EN ISO 17178, cl. 4.2, 4.4	Adhesives
2.29.29	Determination of tensile strength	ČSN EN ISO 17178, cl. 4.3	Adhesives
2.30	Thermal insulation materials and products, thermal tests		
2.30.1*	Determination of length and width	ČSN EN 822	Thermal insulation materials and products
2.30.2*	Determination of thickness	ČSN EN 823	Thermal insulation materials and products
2.30.3*	Determination of squareness	ČSN EN 824	Thermal insulation materials and products
2.30.4*	Determination of flatness	ČSN EN 825	Thermal insulation materials and products



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2.30.5	Compression test	ČSN EN 826	Thermal insulation materials and products
2.30.6	Determination of tensile strength perpendicular to face	ČSN EN 1607	Thermal insulation materials and products
2.30.7	Determination of dimensional stability under specified temperature and humidity conditions	ČSN EN 1604	Thermal insulation materials and products
2.30.8	Determination of dimensional stability at constant laboratory conditions	ČSN EN 1603	Thermal insulation materials and products
2.30.9	Determination of water absorption by partial immersion	ČSN EN ISO 29767 ČSN EN 1609:2013	Thermal insulation materials and products
2.30.10	Determination of long term water absorption by immersion	ČSN EN ISO 16535, methods 1A, 2A	Thermal insulation materials and products
2.30.11	Determination of water vapour transmission rate	ČSN EN 12086	Thermal insulation materials and products
2.30.12	Bending test	ČSN EN 12089	Thermal insulation materials and products
2.30.13	Determination of mass per unit volume	ČSN EN 1602	Thermal insulation materials and products
2.30.14	Determination of thermal resistance by means of guarded hot plate and heat flow meter methods	ČSN EN 12667	Thermal insulation materials and products
2.30.15	Determination of steady-state thermal transmission properties	ČSN EN ISO 8990	Buildings materials
2.30.16	Determination of steady state thermal resistance and related quantities Guarded hot plate apparatus	ISO 8302	Thermal insulation materials and products
2.30.17	Determination of steady state thermal resistance and related quantities Guarded hot plate apparatus	ČSN 72 7012-1	Thermal insulation materials and products
2.30.18	Determination of steady state thermal resistance and related quantities Guarded hot plate apparatus	ČSN 72 7012-2	Thermal insulation materials and products



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2.30.19	Determination of steady state thermal resistance and related quantities Guarded hot plate apparatus	ČSN 72 7012-3	Thermal insulation materials and products
2.30.20	Determination of behaviour under point load	ČSN EN 12430	Thermal insulation materials and products
2.30.21	Determination of shear strength and shear modulus of elasticity	ČSN EN 12090	Thermal insulation materials and products
2.30.22	Determination of pressure forming	ČSN EN 1606	Thermal insulation materials and products
2.30.23	Determination of setting of blown insulation	ČSN EN 14064-1, ed. 2, Annex J	Thermal insulation materials and products
2.30.24	Determination of initial value of thermal conductivity	ČSN EN 14315-1, C.3	PUR foams
2.30.25	Determination of the accelerated aged value of thermal conductivity	ČSN EN 14315-1, C.4	PUR foams
2.30.26	Determination of value of thermal conductivity – fixed increment procedure	ČSN EN 14315-1, C.5	PUR foams
2.30.27	Determination of setting of blown insulation	ČSN EN 15101-1+A1, method B	Thermal insulation materials and products
2.30.28	Reaction to fire tests - single-flame source test	ČSN EN ISO 11925-2	Thermal insulation materials and construction materials
2.30.29	Reaction to fire tests - determination of the gross heat of combustion (calorific value)	ČSN EN ISO 1716	Thermal insulation materials and products
2.30.30	Determination of thermal resistance by means of guarded hot plate and heat flow meter methods	ČSN EN 12664	Thermal insulation materials
2.30.31	Determination of dimensions, rectangularity and flatness	ČSN EN 12085	Thermal insulation materials and products
2.30.32	Determination of deformation under specified compressive load and temperature conditions	ČSN EN 1605	Thermal insulation materials
2.30.33	Determination of organic content – by gravimetry	ČSN EN 13820	Thermal insulation materials



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
2.32	Thermal insulation systems		
2.32.1	Determination of adhesion to the substrate	ETAG 004, p. 5.1.4.1, 5.1.7.1 EAD 040089-00-0404, p. 2.2.3.1, 2.2.3.3, 2.2.3.4, 2.2.3.20, 2.2.3.21 EAD 040287-00-0404, p. 2.2.8 EAD 040083-00-0404, p. 2.2.11, 2.2.20	Adhesive and screed materials for ETICS
2.32.2	Determination of resistance to frost	ETAG 004, p. 5.1.3.2.2 EAD 040089-00-0404, p. 2.2.2.3 EAD 040287-00-0404, p. 2.2.5.2 EAD 040083-00-0404, p. 2.2.7	Mortars
2.32.3	Determination of tensile strength under normal conditions and after artificial ageing	ETAG 004, p. 5.6.7.1 EAD 040089-00-0404, p. 2.2.3.23, 2.2.3.24, 2.2.3.25 EAD 040287-00-0404, p. L.9 EAD 040083-00-0404, p. 2.2.21.1, 2.2.21.2	Mesh ETICS
2.32.4	Tensile test perpendicular to the faces – in wet conditions	ETAG 004, p. 5.2.4.1.2 EAD 040287-00-0404, p. 2.2.9 EAD 040083-00-0404, p. 2.2.14.2	ETICS insulant
2.32.5	Determination of tensile properties	ETAG 004, p. 5.5.4.1 EAD 040089-00-0404, p. 2.2.3.12 EAD 040083-00-0404, p. 2.2.17	Base layer - ETICS
2.32.6	Determination of water absorption	ETAG 004, p. 5.1.3.1 EAD 040089-00-0404, p. 2.2.2.1 EAD 040287-00-0404, p. 2.2.3 EAD 090019-00-0404, p. 2.2.4 EAD 040083-00-0404, p. 2.2.5.1	ETICS



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
2.32.7	Determination of hard body impact resistance	ETAG 004, p. 5.1.3.3.1, 5.1.3.3.2 EAD 040089-00-0404, p. 2.2.3.19 EAD 040083-00-0404, p. 2.2.8	ETICS
2.32.8	Determination of the pull-through resistance of anchors through insulation	ETAG 004, p. 5.1.4.3.1 EAD 040089-00-0404, p. 2.2.3.6.1 EAD 040287-00-0404, p. 2.2.12 EAD 040083-00-0404, p. 2.2.13.1	ETICS
2.32.9	Determination of the pull-through resistance of anchors through insulation (Static foam block test)	ETAG 004, p. 5.1.4.3.2 EAD 040089-00-0404, p. 2.2.3.6.1 EAD 040287-00-0404, p. 2.2.13 EAD 040083-00-0404, p. 2.2.13.2	ETICS
2.32.10	Determination of mass per unit volume	ETAG 004, p. C.1.1.1 EAD 040287-00-0404, p. L.1.1 EAD 040083-00-0404, p. A.6.1	Adhesive and screed materials, plasters and liquids – ETICS
2.32.11	Determination of dry matter	ETAG 004, p. C.1.1.2 EAD 040287-00-0404, p. L.3 EAD 040083-00-0404, p. A.6.5	Pastes and liquids - ETICS
2.32.12	Determination of ash content	ETAG 004, p. C.1.1.3 EAD 040287-00-0404, p. L.4.1 EAD 040083-00-0404, p. A.6.6	Adhesive and screed materials, plasters and liquids – ETICS
2.32.13	Determination of water retention capability	ETAG 004, p. C.1.2.1 EAD 040083-00-0404, p. A.6.7	Fresh mortar - ETICS
2.32.14	Determination of mass per unit volume	ETAG 004, p. C.1.2.2 EAD 040287-00-0404, p. L.1.2 EAD 040083-00-0404, p. A.6.2	Fresh mortar – ETICS
2.32.15	Determination of shrinkage of screed	ETAG 004, p. C.1.3.1.2 EAD 040287-00-0404, p. L.6 EAD 040083-00-0404, p. A.6.8.2	Base coat - ETICS

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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
2.32.16	Determination of static modulus of elasticity, tensile strength and elongation at break	ETAG 004, p. C.1.3.2 EAD 040089-00-0404, p. 2.2.3.16 EAD 040287-00-0404, p. L.5.2 EAD 040083-00-0404, p. A.6.8.3	Base coat - ETICS
2.32.17	Determination of mass per unit area	ETAG 004, p. C.3.1 EAD 040287-00-0404, p. L.7 EAD 040083-00-0404, p. A.8.2	Reinforcement mesh - ETICS
2.32.18	Determination of ash content	ETAG 004, p. C.3.2 EAD 040287-00-0404, p. L.4.2 EAD 040083-00-0404, p. A.8.1	Reinforcement mesh - ETICS
2.32.19	Determination of mesh size and number of fibres	ETAG 004, p. C.3.3 EAD 040287-00-0404, p. L.8 EAD 040083-00-0404, p. A.8.3	Reinforcement mesh - ETICS
2.32.20	Determination of mass per unit volume	ETAG 004, p. C.1.3 EAD 040287-00-0404, p. L.1.3 EAD 040083-00-0404, p. A.6.3	Base layer, dry hardened mortar - ETICS
2.32.21	Determination of grain size	ETAG 004, p. C.1.1.4 EAD 040287-00-0404, p. L.2 EAD 040083-00-0404, p. A.6.4	Pastes, powders – ETICS
2.32.22	Determination of bracket resistance to vertical load (dead weight) and horizontal load (wind suction)	EAD 090062-00-0404, Annex L	Ventilated facades
2.32.23	Reserved		
2.32.24	Determination of hygrothermal behaviour	ETAG 004, p. 5.1.3.2.1 EAD 040089-00-0404, p. 2.2.2.1 EAD 040287-00-0404, p. 2.2.5.1 EAD 040083-00-0404, p. 2.2.6	ETICS



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
2.32.25	Determination of density, non-stick time, cutting time, adhesion, foam behaviour after expansion, shear strength and shear modulus of elasticity	EOTA TR 46 EAD 040089-00-0404, cl. 2.2.3.17, 2.2.3.18	Foam adhesives for ETICS
2.32.26	Determination of pull-out resistance of a fixing through a cladding element	EAD 090062-00-0404, Annex I.1.1	Ventilated facades
2.32.27	Determination of pull-through resistance of a fixing under shear load	EAD 090062-00-0404, Annex I.2	Ventilated facades
2.32.28	Determination of pull-out resistance of a fixing under tensile load	EAD 090062-00-0404, Annex I.3	Ventilated facades
2.32.29	Determination of pull-out resistance of a fixing under shear load	EAD 090062-00-0404, Annex I.4	Ventilated facades
2.32.30	Determination of pull-out resistance of a fixing through a cladding element under combined tensile and shear loads	EAD 090062-00-0404, Annex I.5	Ventilated facades
2.32.31	Determination of break resistance of a grooved cladding element	EAD 090062-00-0404, Annex H	Ventilated facades
2.32.32	Determination of resistance to vertical load	EAD 090062-00-0404, Annex J.1	Ventilated facades
2.32.33	Determination of pull-through resistance of a fixing through a profile	EAD 090062-00-0404, Annex J.2	Ventilated facades
2.32.34	Determination of pull-through resistance of a fixing through a metal clip	EAD 090062-00-0404, Annex I.1.2	Ventilated facades
2.32.35	Determination of metal clip break resistance	EAD 090062-00-0404, Annex J.3	Ventilated facades
2.32.36	Determination of suspended kit break resistance	EAD 090062-00-0404, Annex I.6	Ventilated facades
2.32.37	Determination of resistance to hard body impact	EAD 090062-00-0404, Annex G EAD 040287-00-0404, p. 2.2.7 EAD 090019-00-0404, p. 2.2.7	Ventilated facades

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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
2.32.38	Determination of resistance to soft body impact	EAD 040089-00-0404, p. 2.2.3.6.4 EAD 090062-00-0404, Annex G EAD 040287-00-0404, p. 2.2.7 EAD 090019-00-0404, p. 2.2.7	Ventilated facades
2.32.39	Determination of resistance to hygrothermal action	EAD 090062-00-0404, Annex M.1	Ventilated facades
2.32.40	Determination of pull-through resistance of fixings from profiles	ETAG 004, p. 5.4.4.1 EAD 040089-00-0404, p. 2.2.3.13 EAD 090019-00-0404, Annex H EAD 040083-00-0404, p. 2.2.16	ETICS
2.32.41	Determination of moisture content and moisture gradient	EAD 040089-00-0404, p. 2.2.2.4	ETICS on timber frame buildings
2.32.42	Determination of adhesion of adhesive and base plate	EAD 040089-00-0404, p. 2.2.3.2	ETICS on timber frame buildings
2.32.43	Determination of the pull-through resistance of anchors through insulation products	ČSN EN 16382	ETICS
2.32.44	Determination of thermal-humidity behaviour	ČSN EN 16383	ETICS
2.32.45	Determination of the resistance to impact	ČSN EN 13497+A1	ETICS
2.33	Loading tests of bridges, building structure and floors		
2.33.1*	Load tests	ČSN 73 6209	Bridges, bridge structures
2.33.2*	Static loading tests	ČSN 73 2030, Annexes A, B, C	Building structures and their parts
2.34	Masonry, hardware, partition walls, ceilings, floors		
2.34.1	Determination of initial shear strength	ČSN EN 1052-3	Masonry
2.34.2*	Determination of flexural resistance and shear resistance	ČSN EN 846-9 ed. 2	Ancillary components for masonry, lintels



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
2.34.3*	Determination of dimensions and bow	ČSN EN 846-11	Ancillary components for masonry, lintels
2.35	Masonry units, permanent formwork, ceilings elements, burnt and concrete roofing		
2.35.1	Determination of dimensions	ČSN EN 772-16	Masonry units
2.35.2	Determination of compression strength, flexural strength and load capacity	ČSN 72 2605	Masonry materials, burnt roofing
2.35.3	Determination of resistance to frost	ČSN 72 2601	Brick products
2.35.4	Determination of dimensional tolerances and mass	ČSN EN 491 p. 5.2, 5.5	Concrete roofing tiles
2.35.5	Determination of percentage area of voids (by paper indentation)	ČSN EN 772-2	Concrete masonry units
2.35.6	Determination of water absorption by boiling in water	ČSN EN 772-7	Burnt masonry units for damp proof course units
2.35.7	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 of manufactured and natural stone, burnt masonry units
2.35.8	Determination of net volume and percentage of voids by hydrostatic weighing	ČSN EN 772-3	Masonry units
2.35.9	Determination of mass per unit volume	ČSN EN 772-13	Masonry units
2.35.10	Determination of moisture movement	ČSN EN 772-14	Masonry units
2.35.11	Determination of strength	ČSN EN 15435	Precast concrete products
2.35.12	Determination of mass, density and water absorption	ČSN 72 2603	Brick products
2.35.13	Determination of susceptibility to efflorescence	ČSN 72 2608	Brick products
2.35.14	Determination of flatness of faces	ČSN EN 772-20	Brick products



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
2.35.15*	Determination of appearance and dimensions	ČSN 72 2602	Brick products
2.35.16	Determination of presence of lime modules	ČSN 72 2607	Brick products
2.35.17	Determination of compressive strength	ČSN EN 772-1+A1	Masonry units
2.35.18	Determination of water permeability	ČSN EN 491, p. 5.7	Concrete roofing tiles
2.35.19	Determination of mechanical resistance (transverse load bearing capacity)	ČSN EN 491, p. 5.6	Concrete roofing tiles
2.35.20	Determination of frost resistance	ČSN EN 491, p. 5.8	Concrete roofing tiles

¹ Asterisk at the ordinal number identifies the tests, which the Laboratory is qualified to carry out outside the permanent Laboratory premises.

² If the document identifying the test procedure is dated, only these specific procedures are used. If the document identifying the test procedure is not dated, the latest editions of the specified procedure are used (including any changes).

Sampling:

Ordinal number	Sampling procedure name	Sampling procedure identification ¹	Sampled object
2.V.1	Fresh concrete sampling	ČSN EN 12350-1	Fresh concrete
2.V.2	Hardened concrete sampling	ČSN EN 12504-1, p. 6	Hardened concrete
2.V.3	Aggregate sampling	ČSN EN 932-1	Aggregates

¹ 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 edition of the specified procedure is used (including any changes).



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3. Testing Laboratory in Plzeň

Tests:

Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
3.2	Concrete, admixtures and fibres for concrete		
3.2.1*	Determination of consistency by slump test	ČSN EN 12350-2	Fresh concrete
3.2.2	Determination of degree of compactibility	ČSN EN 12350-4	Fresh concrete
3.2.3*	Determination of consistency by flow table test	ČSN EN 12350-5	Fresh concrete
3.2.4*	Determination of mass per unit volume	ČSN EN 12350-6	Fresh concrete
3.2.5*	Determination of air content - pressure methods	ČSN EN 12350-7, p. 6	Fresh concrete
3.2.6	Determination of suitability - initial assessment, humic substances	ČSN EN 1008, p. 6.1.1, 6.1.2	Mixing water for concrete
3.2.7	Determination of pH	ČSN ISO 10523	Mixing water for concrete
3.2.8	Determination of concrete frost resistance	ČSN 73 1322	Hardened concrete
3.2.9	Determination of resistance to water and chemical de-icing agents	ČSN 73 1326, methods A, C	Hardened concrete
3.2.10*	Testing of shapes and dimensions	ČSN EN 12390-1	Hardened concrete
3.2.11*	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 p. 6	Hardened concrete
3.2.12	Determination of compressive strength of test specimens	ČSN EN 12390-3	Hardened concrete
3.2.13	Determination of flexural strength of test specimens	ČSN EN 12390-5	Hardened concrete
3.2.14	Determination of the indirect tensile strength of test specimens	ČSN EN 12390-6	Hardened concrete
3.2.15	Determination of mass per unit volume	ČSN EN 12390-7	Hardened concrete



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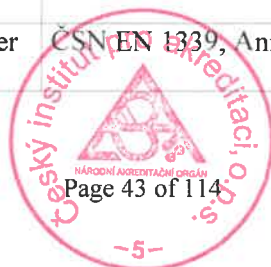
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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
3.2.16	Determination of depth of penetration of water under pressure	ČSN EN 12390-8	Hardened concrete
3.2.17	Determination of resistance to water and chemical de-icing agents	IP 0340T068	Hardened concrete
3.2.18	Determination of compressive strength (samples of the structure)	IP 0600T013 (ČSN EN 12390-3)	Hardened concrete
3.2.19*	Determination of compressive strength	ČSN EN 12504-1 except p. 6	Hardened concrete
3.2.20*	Determination of rebound number by hardness drop tester	ČSN EN 12504-2	Hardened concrete
3.2.21*	Test of compressive strength by hardness testing methods (Schmidt N. L.)	ČSN 73 1373	Hardened concrete
3.2.22	Determination of solids content	ČSN EN 480-8	Concrete and mortar additives
3.2.23	Determination of water-soluble chloride content	ČSN EN 480-10	Concrete and mortar additive
3.2.24	Determination of alkali content	ČSN EN 480-12	Concrete and mortar additive
3.2.25	Determination of dry bulk density	ČSN EN 678	Autoclaved concrete
3.2.26	Determination of compression strength, flexural strength and concentric compressive strength	ČSN EN 679	Aerated concrete
3.2.27	Determination of flexural strength during drying	ČSN EN 1351, cl. 5 to 7	Autoclaved aerated concrete
3.2.28	Determination of moisture content	ČSN EN 1353, cl. 5 to 7	Autoclaved aerated concrete
3.3	Small concrete products		
3.3.1*	Determination of dimensions	ČSN EN 1338, Annex C	Concrete products
3.3.2*	Determination of dimensions	ČSN EN 1339, Annex C	Concrete products
3.3.3*	Determination of dimensions	ČSN EN 1340, Annex C	Concrete products
3.3.4	Determination of total water absorption	ČSN EN 1338, Annex E	Concrete products
3.3.5	Determination of total water absorption	ČSN EN 1339, Annex E	Concrete products



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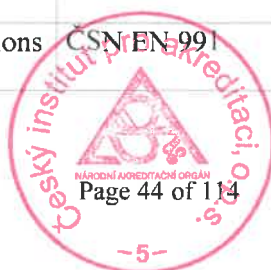
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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
3.3.6	Determination of total water absorption	ČSN EN 1340, Annex E	Concrete products
3.3.7	Determination of the indirect tensile strength	ČSN EN 1338, Annex F	Concrete products
3.3.8	Determination of flexural strength and fracture load	ČSN EN 1339, Annex F	Concrete products
3.3.9	Determination of bending strength	ČSN EN 1340, Annex F	Concrete products
3.3.10	Determination of abrasiveness - Böhme	ČSN EN 1338, Annex H	Concrete products
3.3.11	Determination of abrasiveness - Böhme	ČSN EN 1339, Annex H	Concrete products
3.3.12	Determination of abrasiveness - Böhme	ČSN EN 1340, Annex H	Concrete products
3.3.13	Determination of resistance to freezing/thawing	ČSN EN 1338, Annex D	Concrete products
3.3.14	Determination of resistance to freezing/thawing	ČSN EN 1339, Annex D	Concrete products
3.3.15	Determination of resistance to freezing/thawing	ČSN EN 1340, Annex D	Concrete products
3.3.16	Determination of dimensions	ČSN EN 13748-1, p. 5.2, 5.3, 5.4	Concrete products
3.3.17	Determination of flexural strength and fracture load	ČSN EN 13748-1, p. 5.5	Concrete products
3.3.18	Determination of water absorption	ČSN EN 13748-1, p. 5.8	Concrete products
3.3.19	Determination of dimensions	ČSN EN 13748-2, p. 5.2, 5.3, 5.4	Concrete products
3.3.20	Determination of flexural strength and fracture load	ČSN EN 13748-2, p. 5.5	Concrete products
3.3.21	Determination of abrasiveness – Böhme	ČSN EN 13748-1, p. 5.6.2	Concrete products
3.3.22	Determination of abrasiveness – Böhme	ČSN EN 13748-2, p. 5.6.2	Concrete products
3.4	Concrete building components and structures		
3.4.1*	Determination of shapes and dimensions, appearance	ČSN 73 0212-5	Building components
3.4.2*	Determination of dimensions, shapes, top layer of reinforcement, crack width	ČSN EN 13369, Annex J	Concrete components
3.4.3	Determination of water absorption	ČSN EN 13369, Annex G	Concrete components
3.4.4*	Determination of dimensions	ČSN EN 991	Lightweight and aerated concrete components



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
3.4.5	Tests of strength and load bearing capacity	ČSN EN 1916, Annex C	Concrete pipes
3.4.6	Tests of strength and load bearing capacity	ČSN EN 1917 except Annex B	Concrete manholes
3.4.7	Determination of shear load capacity	ČSN EN 1168+A3, Annex J	Hollow core slabs
3.4.8	Test of corrosion protection of reinforcement	ČSN EN 990	Lightweight and aerated concrete components (reinforced)
3.4.9	Determination of impact strength	ČSN 73 2035	Building components
3.4.10	Determination of mass of components	ČSN 73 2045	Building components
3.4.11	Determination of dimensional characteristics	ČSN EN 639	Concrete pipes
3.4.12	Leakage tests	ČSN EN 1916, Annex E	Concrete pipes
3.4.13	Determination of watertightness	ČSN EN 1917, Annex C	Concrete manholes
3.5	Timber, timber components, timber based and fibre-cement products		
3.5.1*	Static loading tests	ČSN EN 380 ČSN 73 2030, Annex D	Timber structures
3.5.2	Determination of bearing capacity and deformation behaviour	ČSN EN 595	Timber structures
3.5.3	Soft body impact test	ČSN EN 596	Timber structures
3.5.4*	Determination of geometrical characteristics	ČSN EN 1309-1	Timber structures
3.5.5	Determination of humidity	ČSN EN 13183-1	Timber structures
3.5.6	Determination of shear strength - shear test of glued joints	ČSN EN 14080, annex D	Glued timber
3.5.7	Determination of dimensions	ČSN EN 336	Timber structures
3.11	Chemical analyses of silicate and building products		
3.11.1	Determination of the loss of mass by drying - by gravimetry	ČSN 72 0102	Silicate materials
3.11.2	Determination of loss on ignition - by gravimetry	ČSN 72 0103	Silicate materials
3.11.3	Determination of silicon dioxide by defumigation with hydrofluoric acid by gravimetry	ČSN 72 0105-2	Silicate materials SiO ₂ > 98 %



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
3.11.4	Determination of sulphate sulphur by gravimetric method	ČSN 72 0117	Silicate materials SO ₃ 0 to 10 %
3.11.5	Determination of total sulphur by gravimetric method	ČSN 72 0118	Silicate materials S 0 to 10 %
3.11.6	Determination of sodium oxide by flame photometry	ČSN 72 0119+A1	Silicate materials Na ₂ O 0 to 10 %
3.11.7	Determination of potassium oxide by flame photometry	ČSN 72 0120	Silicate materials K ₂ O 0 to 10%
3.12	Stone, aggregates, inactive concrete admixtures, soils		
3.12.1	Determination of resistance to freezing and thawing	ČSN EN 1367-1	Aggregates
3.12.2	Determination of various aggregate particles	ČSN 72 1180	Aggregates
3.12.3	Determination of particle size distribution – sieving analysis	ČSN EN 933-1	Aggregates
3.12.4	Determination of particle shape – shape index	ČSN EN 933-4	Aggregates
3.12.5	Determination of percentage of crushed and broken surfaces in coarse aggregate particles	ČSN EN 933-5	Aggregates
3.12.6	Assessment of fines – sand equivalent test	ČSN EN 933-8+A1	Aggregates
3.12.7	Test of grading of filler aggregates - air-jet sieving	ČSN EN 933-10	Aggregates
3.12.8	Classification test for the constituents of coarse recycled aggregate	ČSN EN 933-11	Aggregates
3.12.9	Determination of resistance to fragmentation	ČSN EN 1097-2	Aggregates
3.12.10	Determination of loose bulk density and voids	ČSN EN 1097-3	Aggregates
3.12.11	Determination of water content by drying in a ventilated oven	ČSN EN 1097-5	Aggregates
3.12.12	Determination of particle density and water absorption	ČSN EN 1097-6	Aggregates
3.12.13	Determination of particle density and water absorption	ČSN EN 1097-7	Aggregates



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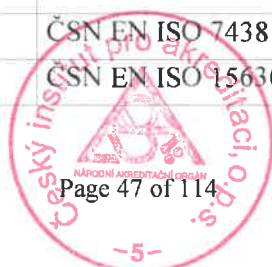
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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
3.12.14	Determination of resistance by magnesium sulphate	ČSN EN 1367-2	Aggregates
3.12.15	Determination of thermal and weathering properties of aggregates – boiling test	ČSN EN 1367-3	Aggregates
3.12.16	Determination of the potential presence of humus, silicate and iron decay	ČSN EN 1744-1+A1, cl. 7, 11, 12, 14.2, 15	Aggregates
3.12.17	Determination of durability by accelerated test with sodium sulphate	ČSN 72 1176, method A	Aggregates
3.12.18	Determination of resistance to fragmentation	ČSN EN 13450, Annex C	Aggregates
3.12.19	Determination of resistance to freezing and thawing	ČSN EN 13450, Annex F	Aggregates
3.12.20	Determination of resistance to magnesium sulphate	ČSN EN 13450, annex G	Aggregates
3.12.21	Determination of resistance to fragmentation	OTP ČD 58979/04-013	Aggregates
3.12.22	Determination of load-bearing capacity	ČSN EN 13055, Annex C	Lightweight aggregates
3.12.23	Determination of relative density of non-cohesive soils	ČSN 72 1018	Soils and backfills
3.12.24	Determination of organic substances	ČSN 72 1021	Soils and backfills
3.12.25	Determination of compressive strength	ČSN EN 1926	Stone
3.12.26	Determination of real density and apparent density and of total and open porosity	ČSN EN 1936	Stone
3.12.27	Determination of particle size distribution of soils	ČSN EN ISO 17892-4	Soils and backfills
3.12.28	Determination of moisture of soils	ČSN EN ISO 17892-1	Soils and backfills
3.12.29	Determination of resistance to freezing and thawing	ČSN EN 1367-7	Lightweight aggregates
3.14	Metallic materials and parts in construction		
3.14.1	Performance of tensile tests	ČSN EN ISO 6892-1	Metallic products
3.14.2	Performance of tensile tests	ČSN EN ISO 15630-1 p. 5	Metallic products
3.14.3	Bend test	ČSN EN ISO 7438	Metallic products
3.14.4	Bend test	ČSN EN ISO 15630-1, p. 6	Metallic products



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3.14.5	Test of steel weldability – shear strength	ČSN EN ISO 15630-2, p. 7	Metallic products
3.14.6	Performance of tensile tests	ČSN EN ISO 15630-2, p. 5	Metallic products
3.14.7	Bend test	ČSN EN ISO 15630-2, p. 6	Metallic products
3.15	Chimneys, chimney sheaths and flues, refractory materials and products, ceramic raw materials		
3.15.1	Determination of pH	ČSN 72 1070	Ceramic raw materials
3.15.2	Determination of moisture	ČSN 72 1080	Ceramic raw materials
3.15.3	Determination of whiteness	ČSN 72 1089	Ceramic raw materials
3.15.4	Determination of abrasiveness	ČSN 72 1090	Ceramic raw materials
3.15.5	Determination of thermal expansion	ČSN 72 6031	Ceramic raw materials
3.15.6	Determination of adhesiveness, length changes, amount of forming water	ČSN 72 6100	Refractory materials and unshaped products
3.15.7	Determination of porosity and bulk density	ČSN EN 993-1	Refractory materials and unshaped products
3.15.8	Determination of density	ČSN EN 993-2	Refractory materials and unshaped products
3.15.9	Testing of carbon-containing refractories	ČSN EN 993-3 except p. 7.3.1	Refractory materials and unshaped products
3.15.10	Determination of permeability to gases	ČSN EN 993-4	Refractory materials and unshaped products
3.15.11	Determination of compressive strength	ČSN EN 993-5	Refractory materials and unshaped products
3.15.12	Determination of bending strength	ČSN EN 993-6	Refractory materials and unshaped products
3.15.13	Determination of modulus of rupture at elevated temperatures	ČSN EN 993-7	Refractory materials and unshaped products
3.15.14	Determination of creep in compression	ČSN EN 993-9	Refractory materials and unshaped products
3.15.15	Determination of permanent change in dimensions on heating	ČSN EN 993-10	Refractory materials and unshaped products
3.15.16	Determination of resistance to temperature changes	ČSN EN 993-11, p. 4.1	Refractory materials and unshaped products
3.15.17	Determination of refractoriness	ČSN EN 993-12	Refractory materials and unshaped products
3.15.18	Determination of thermal conductivity – hot-wire (parallel) method	ČSN EN 993-15	Refractory materials and unshaped products



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
3.15.19	Determination of resistance to sulphuric acid	ČSN EN 993-16	Refractory materials and unshaped products
3.15.20	Determination of bulk density of granular materials	ČSN EN 993-18	Refractory materials and unshaped products
3.15.21	Determination of thermal expansion	ČSN EN 993-19	Refractory materials and unshaped products
3.15.22	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 unshaped products
3.15.23	Determination of porosity and bulk density	ČSN EN 1094-4	Refractory materials and unshaped products
3.15.24	Determination of permanent change in dimensions on heating	ČSN EN 1094-6	Refractory materials and unshaped products
3.15.25	Determination of: - dimensions - compressive strength (load) - corrosion resistance - water absorption - bulk density	ČSN EN 1457-1 except p. 16.8, 16.12	Flue liners operating under dry conditions
3.15.26	Determination of: - dimensions - compressive strength (load) - corrosion resistance - water absorption - bulk density - water vapour diffusion	ČSN EN 1457-2 except p. 16.8, 16.12	Flue liners operating under dry conditions
3.15.27	Determination of refractoriness under load	ČSN EN ISO 1893	Refractory materials and unshaped products
3.15.28	Determination of classification temperature	ČSN EN ISO 1927-1	Refractory materials and unshaped products
3.15.29	Determination of: - particle size distribution - humidity - workability index	ČSN EN ISO 1927-3	Refractory materials and unshaped products
3.15.30	Determination of consistency, workable life	ČSN EN ISO 1927-4	Refractory materials and unshaped products



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
3.15.31	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
3.15.32	Determination of: - dimensions - visual defects - humidity - annealing losses - speed of ultrasound propagation	ČSN EN ISO 1927-7 except p. 7.2.1, 7.2.2	Refractory materials and unshaped products
3.15.33	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
3.15.34	Determination of thermal conductivity by hot-wire method - cross array	ČSN EN ISO 8894-1	Refractory materials and unshaped products
3.15.35	Determination of compressive strength	ČSN EN ISO 8895	Refractory materials and unshaped products
3.15.36	Determination of MnO, CaO, Cr ₂ O ₃ , Na ₂ O, K ₂ O by FAAS method	ČSN EN ISO 10058-3, chap. 4	Refractory magnesium and dolomite materials and products
3.15.37	Determination of geometric characteristics - dimensions	ČSN ISO 12678-1	Refractory materials and unshaped products
3.15.38	Determination of geometric characteristics - surface imperfections, protrusions, holes	ČSN ISO 12678-2	Refractory materials and unshaped products
3.15.39	Determination of melt corrosion	ČSN P CEN/TS 15418, Procedure A	Refractory materials and unshaped products
3.15.40	Determination of resistance to abrasion	ČSN EN ISO 16282	Refractory materials and unshaped products



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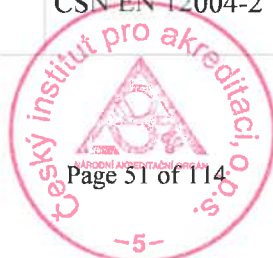
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3.15.41	Determination of MnO, CaO, Cr ₂ O ₃ , Na ₂ O, K ₂ O by FAAS method	ČSN EN ISO 20565-3, chap. 4	Refractory chromium materials and products
3.15.42	Determination of C, SiC - gravimetric methods only	ČSN EN ISO 21068-2, chap. 4, 5, 6, 7	Refractory materials and products containing silicon carbide
3.15.43	Determination of SiO ₂ , Al ₂ O ₃ , TiO ₂ , Fe ₂ O ₃ , CaO, MgO, Na ₂ O, K ₂ O, Cr ₂ O ₃ , ZrO ₂ by FAAS method	ČSN EN ISO 21068-3, cl. 7.3, 8.5	Refractory materials and products containing silicon carbide
3.15.44	Determination of CaO, MgO, Na ₂ O, K ₂ O, Cr ₂ O ₃ by FAAS method	ČSN EN ISO 21079-3, chap. 4	Refractory materials and products containing zirconium dioxide
3.15.45	Determination of phosphorus oxide - photometrically	ČSN EN ISO 21587-2, chap. 14	Refractory aluminosilicate materials and products
3.15.46	Determination of SiO ₂ , Al ₂ O ₃ , TiO ₂ , Fe ₂ O ₃ , CaO, MgO, Na ₂ O, K ₂ O, ZrO ₂ , Cr ₂ O ₃ , MnO by FAAS method	ČSN EN ISO 21587-3, chap. 14 to 19, annex NA	Refractory aluminosilicate materials and products
3.15.47	Determination of refractoriness under load	DIN 51064	Refractory materials and unshaped products
3.15.48	Determination of resistance to temperature changes	DIN 51068-1	Refractory materials and unshaped products
3.17	Mortars, mortar mixtures, renovation materials, screeds		
3.17.1	Frost resistance test	ČSN 72 2452	Masonry mortars
3.17.2	Determination of consistence by flow table	ČSN EN 1015-3	Fresh mortars
3.17.3	Determination of mass per unit volume	ČSN EN 1015-6	Fresh mortars
3.17.4	Determination of mass per unit volume	ČSN EN 1015-10	Dry hardened mortars
3.17.5	Test of compressive strength	ČSN EN 13892-2, p. 6.2	Screeds materials
3.17.6	Test of flexural strength	ČSN EN 1015-11, cl. 8	Dry hardened mortars
3.17.7	Test of flexural strength	ČSN EN 13892-2, p. 6.1	Screeds materials
3.17.8	Determination of adhesion	ČSN EN 12004-2	Cement mortars and adhesives
3.17.9	Determination of capillary water absorption coefficient	ČSN EN 1015-18	Hardened mortars
3.17.10	Measurement of bond strength by shear test	ČSN EN 12004-2	Mortars and dispersion adhesives



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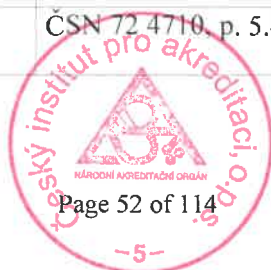
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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
3.17.11	Measurement of bond strength by shear test	ČSN EN 12004-2	Mortars and adhesives based on curable resins
3.17.12	Determination of abrasion resistance (Böhme)	ČSN EN 13892-3	Screeds materials
3.20	Draining elements		
3.20.1	Load test	ČSN EN 1433, p. 9.1	Drainage channels for vehicular and pedestrian areas
3.20.2	Determination of dimensions and shape	ČSN EN 1433, p. 9.3	Drainage channels for vehicular and pedestrian areas
3.20.3	Determination of dimension, shapes	ČSN EN 124-1, p. 8.4	Gully tops and manhole tops
3.20.4*	Test of load bearing capacity	ČSN EN 124-1, Annex B	Gully tops and manhole tops
3.20.5	Permanent set test	ČSN EN 124-1, Annex A	Gully tops and manhole tops
3.20.6	Tilt test	ČSN EN 124-1, Annex D	Gully tops and manhole tops
3.20.7	Determination of vertical pull-out force and vertical movement of fixings	ČSN EN 124-1, Annex E	Gully tops and manhole tops
3.20.8	Test of deflection under load	ČSN EN 124-3, Annex A	Gully tops and manhole tops
3.20.9	Test of deflection under load	ČSN EN 124-5, Annex A	Gully tops and manhole tops
3.24	Construction cement, fly ash, slags, stabilization of soils, bitumens		
3.24.1	Determination of fineness of grinding, specific surface and density	ČSN EN 196-6	Cement, masonry cement
3.24.2	Determination of loss on ignition by gravimetry	ČSN EN 196-2, p. 4.4.1	Cement, masonry cement
3.24.3	Determination of the content of sulphate by gravimetry	ČSN EN 196-2, p. 4.4.2	Cement, masonry cement
3.24.4	Determination of chlorides by titration	ČSN EN 196-2, p. 4.5.16	Cement, masonry cement
3.24.5	Determination of efficiency index	ČSN EN 450-1, p. 3.5, 5.3.2	Ash, cinder, slag and other silicate matrixes
3.27	Construction and sanitary ceramics		
3.27.1	Determination of dimensions	ČSN 72 4710, p. 5.1	Building ceramics
3.27.2	Determination of squareness and angles	ČSN 72 4710, p. 5.2	Building ceramics
3.27.3	Determination of straightness and curvature	ČSN 72 4710, p. 5.3	Building ceramics
3.27.4	Determination of surface quality	ČSN 72 4710, p. 5.4	Building ceramics



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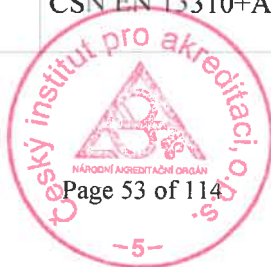
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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
3.27.5	Determination of impact strength	ČSN 72 4710, p. 5.7	Building ceramics
3.27.6	Determination of resistance to temperature changes	ČSN 72 4710, p. 5.9	Building ceramics
3.27.7	Determination of dimensions, shapes and appearance	ČSN 72 4841, p. 3, 5	Sanitary ceramics
3.27.8	Determination of density criteria - absorption power, bulk density, porosity	ČSN 72 4841, p. 6	Sanitary ceramics
3.27.9	Determination of glaze chemical resistance	ČSN 72 4841, p. 7	Sanitary ceramics
3.27.10	Determination of thermal resistance	ČSN 72 4841, p. 8	Sanitary ceramics
3.27.11	Determination of strength and strength characteristics	ČSN 72 4841, p. 9	Sanitary ceramics
3.27.12	Determination of functional properties - flushing, odour trap function, water flow through the overflow channel	ČSN 72 4841, p. 10	Sanitary ceramics
3.27.13	Determination of density criteria - absorption power, bulk density, porosity	ČSN 72 5010	Building ceramics
3.27.14*	Determination of slipperiness	ČSN 72 5191	Floor coverings
3.27.15*	Determination of geometrical parameters, surface quality, absorption power, compressive and flexural strength, shard resistance to acids	ČSN 72 5250	Building ceramics
3.27.16*	Determination of slip/skid resistance	ČSN EN 13036-4	Floor coverings
3.27.17	Determination of functional characteristics - water draining, determination of the flow rate of overflow	ČSN EN 13310+A1, p. 5.2, 5.9	Sanitary ceramics
3.27.18	Determination of resistance to chemicals	ČSN EN 13310+A1, p. 5.5	Sanitary ceramics
3.27.19	Determination of resistance to scratching	ČSN EN 13310+A1, p. 5.6	Sanitary ceramics
3.27.20	Determination of abrasion resistance	ČSN EN 13310+A1, p. 5.7	Sanitary ceramics



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3.27.21	Determination of stability under load	ČSN EN 13310+A1, p. 5.8	Sanitary ceramics
3.27.22*	Determination of slipperiness	ČSN EN 1338, Annex I	Floor coverings
3.27.23	Determination of slipperiness	ČSN EN 1339, Annex I	Floor coverings
3.27.24*	Determination of slipperiness	ČSN EN 1340, Annex I	Floor coverings
3.27.25	Determination of functional characteristics - depth of water seal	ČSN EN 13407+A1, p. 6.6.1.2	Sanitary ceramics
3.27.26	Determination of functional characteristics - sawdust test	ČSN EN 13407+A1, p. 6.6.1.3.1	Sanitary ceramics
3.27.27	Determination of functional characteristics - test by flushing of 3 plastic balls	ČSN EN 13407+A1, p. 6.6.1.3.2	Sanitary ceramics
3.27.28	Determination of functional characteristics - oversplashing test	ČSN EN 13407+A1, p. 6.6.1.3.3	Sanitary ceramics
3.27.29	Determination of functional characteristics - discharge test	ČSN EN 13407+A1, p. 6.6.1.3.4	Sanitary ceramics
3.27.30	Determination of water absorption	ČSN EN 13407+A1, p. 6.6.2	Sanitary ceramics
3.27.31	Determination of static load resistance	ČSN EN 13407+A1, p. 6.6.3	Sanitary ceramics
3.27.32*	Determination of slipperiness	ČSN EN 1344, p. 4.2.5	Floor coverings
3.27.33*	Slip resistance test	ČSN EN 13451, Annex E	Floor coverings
3.27.34*	Determination of slipperiness	ČSN EN 13748-1, p. 5.7	Floor coverings
3.27.35*	Determination of slipperiness	ČSN EN 13748-2, p. 5.7	Floor coverings
3.27.36	Determination of slipperiness	ČSN EN 13893	Floor coverings
3.27.37*	Determination of slipperiness	ČSN EN 14231	Floor coverings
3.27.38*	Determination of slip/skid resistance	ČSN EN 1436, Annex D	Road marking, traffic signs
3.27.39	Determination of dimensions, shapes and appearance	ČSN EN 14428+A1, p. 5.1 5.2	Sanitary ceramics
3.27.40	Determination of shatter resistance	ČSN EN 14428+A1, p. 5.1 5.2 5.3	Sanitary ceramics

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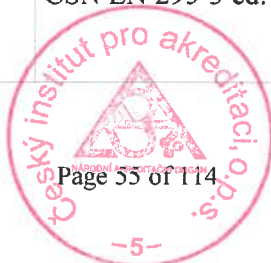
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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
3.27.41	Determination of cleanability	ČSN EN 14428+A1, p. 5.3	Sanitary ceramics
3.27.42	Determination of resistance to chemicals	ČSN EN 14428+A1, p. 5.3	Sanitary ceramics
3.27.43	Determination of resistance to wet and dry cycling	ČSN EN 14428+A1, p. 5.4	Sanitary ceramics
3.27.44	Determination of surface quality	ČSN EN 14527, p. 4.2.1	Sanitary ceramics
3.27.45	Determination of functional characteristics	ČSN EN 14527, p. 5.1	Sanitary ceramics
3.27.46	Determination of resistance to chemicals	ČSN EN 14527, p. 5.2	Sanitary ceramics
3.27.47	Determination of dimensions	ČSN EN 14528+A1, p. 4.1	Sanitary ceramics
3.27.48	Loading test - static loading	ČSN EN 14528+A1, p. 5.2	Sanitary ceramics
3.27.49	Determination of cleanability	ČSN EN 14528+A1, p. 5.3	Sanitary ceramics
3.27.50	Determination of flow rate of overflow	ČSN EN 14528+A1, p. 5.4	Sanitary ceramics
3.27.51	Determination of linear thermal expansion coefficient	ČSN EN 14617-11	Agglomerated stone
3.27.52	Determination of dimensional stability and deformations	ČSN EN 14617-12	Agglomerated stone
3.27.53	Determination of resistance to impact	ČSN EN 14617-9	Agglomerated stone
3.27.54	Determination of static load resistance	ČSN EN 14688+A1, p. 4.1	Sanitary ceramics
3.27.55	Determination of water draining	ČSN EN 14688+A1, p. 4.2, 4.7, 5.3, 5.9	Sanitary ceramics
3.27.56	Determination of cleanability	ČSN EN 14688+A1, p. 5.5, 5.8	Sanitary ceramics
3.27.57	Determination of resistance to scratching	ČSN EN 14688+A1, p. 5.6	Sanitary ceramics
3.27.58	Determination of abrasion resistance	ČSN EN 14688+A1, p. 5.7	Sanitary ceramics
3.27.59	Determination of weight loss after treatment with sulphuric acid solution and sodium hydroxide solution	ČSN EN 295-3 ed. 2, p. 13	Vitrified clay pipes
3.27.60	Impermeability test of joint assemblies	ČSN EN 295-3 ed. 2, p. 21	Vitrified clay pipes
3.27.61	Determination of dimensions, shapes and appearance	ČSN EN 295-3 ed. 2, p. 5, 6	Vitrified clay pipes



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
3.27.62	Determination of chemical resistance of joints	ČSN EN 295-3 ed. 2, p. 23	Vitrified clay pipes
3.27.63	Determination of strength and strength characteristics	ČSN EN 295-3 ed. 2, p. 7, 8, 9	Vitrified clay pipes
3.27.64	Determination of ultimate strength, flexural strength (BMR), chemical resistance, hardness	ČSN EN 295-3 ed. 2, p. 4, 7, 9, 13, 18	Vitrified clay pipes
3.27.65	Determination of strength of bonded joints	ČSN EN 295-3 ed. 2, p. 10	Vitrified clay pipes
3.27.66	Impermeability test of pipes	ČSN EN 295-3 ed. 2, p. 12	Vitrified clay pipes
3.27.67	Determination of dimensions, shapes and appearance	ČSN EN 295-6, p. 4.2, 4.3, 4.5	Vitrified clay pipes
3.27.68	Determination of watertightness	ČSN EN 295-6, p. 4.11	Vitrified clay pipes
3.27.69	Determination of strength and strength characteristics	ČSN EN 295-7, p. 4.3, 4.4	Vitrified clay pipes
3.27.70	Determination of dimensions, shapes and appearance	ČSN EN 295-7, p. 4.2	Vitrified clay pipes
3.27.71	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 p. 5.7	Sanitary ceramics
3.27.72	Determination of density criteria - absorption power, bulk density, porosity	ČSN EN 997 p. 5.7.3	Sanitary ceramics
3.27.73	Determination of strength and strength characteristics	ČSN EN 997 p. 5.7.4	Sanitary ceramics
3.27.74	Determination of dimensional stability	ČSN EN ISO 10545-10	Building ceramics
3.27.75	Determination of crazing resistance for glazed tiles	ČSN EN ISO 10545-11	Building ceramics
3.27.76	Determination of frost resistance	ČSN EN ISO 10545-12	Building ceramics



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
3.27.77	Determination of chemical resistance at room temperature	ČSN EN ISO 10545-13	Building ceramics
3.27.78	Determination of resistance to stains	ČSN EN ISO 10545-14	Building ceramics
3.27.79	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
3.27.80	Determination of density criteria - absorption power, apparent porosity, apparent density, bulk density	ČSN EN ISO 10545-3	Building ceramics
3.27.81	Determination of flexural strength and fracture load	ČSN EN ISO 10545-4	Building ceramics
3.27.82	Determination of impact strength	ČSN EN ISO 10545-5	Building ceramics
3.27.83	Determination wear resistance abrasiveness	ČSN EN ISO 10545-6	Building ceramics
3.27.84	Determination surface wear resistance	ČSN EN ISO 10545-7	Building ceramics
3.27.85	Determination of linear thermal expansion coefficient	ČSN EN ISO 10545-8	Building ceramics
3.27.86	Determination of resistance to sudden temperature changes	ČSN EN ISO 10545-9	Building ceramics
3.27.87	Determination of slip resistance of pedestrian surfaces	ČSN P CEN/TS 16165	Floor coverings
3.27.88	Determination of slipperiness	DIN 51097	Floor coverings
3.27.89	Determination of slipperiness	DIN 51130	Floor coverings
3.27.90	Determination of: - dimensions, deformation and appearance - water absorption - strength - chemical resistance of the glaze - heat resistance of the glaze - heat resistance of the	GOST 13449-82	Sanitary ceramics



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
	product - water flow rate - flushability - rinsability - hygiene - height of water seal level		
3.27.91	Determination of: geometrical parameters, surface quality, strength of glued assemblies, tightness of placement of elements in glued assemblies, absorption power, flexural strength, wear resistance (abrasion), resistance to surface wear (abrasion resistance), resistance to temperature changes, resistance to frost, acid resistance and lye resistance, chemical resistance of glaze, hardness, - coefficient of linear thermal expansion	GOST 27180-2001	Building ceramics
3.27.92	Determination of lead extractability	ČSN EN ISO 10545-15	Sanitary ceramics
3.27.93	Determination of cadmium extractability	ČSN EN ISO 10545-15	Sanitary ceramics
3.27.94	Determination of slipperiness	ČSN EN 124-1, Annex C	Gully tops and manhole tops
3.29	Cement, adhesives, jointing materials, paints and coating, surface finishes		
3.29.1*	Determination of adhesion	ČSN 73 2577	Surface finish
3.29.2	Determination of resistance to abrasion	ČSN EN 12808-2	Grouts for tiles
3.30	Thermal insulation materials and products, thermal tests		
3.30.1	Determination of maximum service temperature	ČSN EN 14706	Thermal insulation products
3.30.2	Determination of water repellence	ČSN EN 14316-1, Annex E	Thermal insulation materials – expanded perlite
3.33	Loading tests of bridges, building structure and floors		
3.33.1	Reserved		
3.33.2	Reserved		



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
3.33.3	Determination of impact resistance	ČSN 74 3305, Annex B	Railings
3.34	Masonry, hardware, partition walls, ceilings, floors		
3.34.1	Determination of compressive strength	ČSN EN 1052-1	Masonry
3.34.2*	Determination of flexural resistance and shear resistance	ČSN EN 846-9 ed. 2	Ancillary components for masonry, lintels
3.34.3*	Determination of dimensions and deflection	ČSN EN 846-11	Ancillary components for masonry, lintels
3.35	Masonry units, permanent formwork, ceilings elements, burnt and concrete roofing		
3.35.1	Reserved		
3.35.2	Determination of dimensions	ČSN EN 772-16	Masonry units
3.35.3	Reserved		
3.35.4	Determination of resistance to frost	ČSN EN 772-18	Calcium silicate masonry units
3.35.5	Reserved		
3.35.6	Determination of percentage area of voids (by paper indentation)	ČSN EN 772-2	Concrete masonry units
3.35.7	Determination of net volume and percentage of voids and material by filling the voids with sand	ČSN EN 772-9	Calcium silicate masonry units
3.35.8	Reserved		
3.35.9	Determination of moisture content	ČSN EN 772-10	Calcium silicate masonry units, aerated concrete units
3.35.10	Reserved		
3.35.11	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 of manufactured and natural stone
3.35.12	Determination of mass per unit volume	ČSN EN 772-13	Masonry units
3.35.13	Determination of transversal fracture load	ČSN EN 1344, Annex D	Clay pavers
3.35.14	Determination of grindability	ČSN EN 1344, Annex E	Clay pavers
3.35.15	Determination of geometrical characteristics	ČSN EN 1344, Annex B	Clay pavers



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
3.35.16	Determination of moisture movement	ČSN EN 772-14	Masonry units
3.35.17	Determination of flatness of faces	ČSN EN 772-20	Masonry units
3.35.18	Shrinkage of aerated concrete	ČSN EN 680	Aerated concrete
3.35.19	Flexural strength	ČSN EN 772-6	Concrete masonry units
3.35.20*	Reserved		
3.35.21	Determination of the content of active soluble salts	ČSN EN 772-5 ed. 2	Masonry units
3.35.22	Determination of compressive strength	ČSN EN 772-1+A1	Masonry units

¹ Asterisk at the ordinal number identifies the tests, which the Laboratory is qualified to carry out outside the permanent Laboratory premises.

² If the document identifying the test procedure is dated, only these specific procedures are used. If the document identifying the test procedure is not dated, the latest editions of the specified procedure are used (including any changes).

Sampling:

Ordinal number	Sampling procedure name	Sampling procedure identification ¹	Sampled object
3.V.1	Fresh concrete sampling	ČSN EN 12350-1	Fresh concrete
3.V.2	Hardened concrete sampling	ČSN EN 12504-1, p. 6	Hardened concrete
3.V.3	Aggregate sampling	ČSN EN 932-1	Aggregates

¹ 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 edition of the specified procedure is used (including any changes).



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4. Testing Laboratory in Teplice

Tests:

Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
4.1	Acoustics		
4.1.1*	Measurement of noise	ČSN EN 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, 2017, Part 11, p. 1	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 and doors and windows
4.1.4*	Determination of impact sound insulation	ČSN EN ISO 16283-2 ČSN EN ISO 10140-3	Field measured building structures and floors on a heavy reference ceiling in the laboratory
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 acoustic
4.1.7	Determination of reverberation time	ČSN EN ISO 3382-2	Rooms and halls
4.1.8*	Measurement of sound pressure level from service equipment	ČSN EN ISO 16032	Noise from service equipment
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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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
4.2	Concrete, admixtures and fibres for concrete		
4.2.1*	Determination of consistency by slump test	ČSN EN 12350-2	Fresh concrete
4.2.2*	Determination of consistency by 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 - pressure methods	ČSN EN 12350-7, p. 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 p. 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 p. 6	Hardened concrete
4.2.15*	Determination of rebound number by hardness drop tester	ČSN EN 12504-2	Hardened concrete
4.2.16*	Determination of compressive strength by hardness testing methods (Schmidt N. L.)	ČSN 73 1373	Hardened concrete



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
4.2.17*	Determination of compressive strength by hardness testing methods (Schmidt N. L.)	ČSN 73 2011	Hardened concrete
4.2.18*	Determination of adhesion, tensile strength and impermeability	ČSN 73 6242, annex B	Bridges, surface layers
4.2.19	Determination of static modulus of elasticity in compression	ČSN ISO 1920-10	Hardened concrete
4.4	Concrete building components and structures		
4.4.1*	Determination of shapes and dimensions, appearance	ČSN 73 0212-5	Building components
4.4.2	Tests of strength and load bearing capacity	ČSN EN 1917, except Annexes C, D	Concrete manholes
4.6	Physical factors		
4.6.1*	Detection and measurement of artificial lighting	ČSN 36 0011-3	Working and non-working environment
4.6.2*	Detection and measurement of artificial lighting	ČSN 36 0011-1	Working and non-working environment
4.6.3	Measurement and evaluation of the content of natural radionuclides ²²⁶ Ra, ⁴⁰ K, ²²⁸ Th by gamma-ray spectrometry. Determination of mass activity index by calculation from measured values	SUJB Recommendation DR-RO-5.2 (Rev. 0.0)	Building materials
4.11	Chemical analyses of silicate and building products		
4.11.1	Determination of loss in mass by drying - by gravimetry	ČSN 72 0102	Silicate materials
4.11.2	Determination of loss by ignition - by gravimetry	ČSN 72 0103	Silicate materials
4.11.3	Determination of silicon dioxide by defumigation with hydrofluoric acid - by gravimetry	ČSN 72 0105-2	Silicate materials
4.11.4	Determination of sulphate sulphur by gravimetric method	ČSN 72 0117	Silicate materials
4.11.5	Determination of total sulphur by gravimetric method	ČSN 72 0118	Silicate materials



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
4.12	Stone, aggregates, inactive concrete admixtures, soils		
4.12.1	Determination of resistance to freezing and thawing	ČSN EN 1367-1	Aggregates
4.12.2	Determination of various aggregate particles	ČSN 72 1180	Aggregates
4.12.3	Determination of particle size distribution – sieving analysis	ČSN EN 933-1	Aggregates
4.12.4	Determination of particle shape - Shape index	ČSN EN 933-4	Aggregates
4.12.5	Determination of percentage of crushed and broken surfaces in coarse aggregate particles	ČSN EN 933-5	Aggregates
4.12.6	Determination of fine particle quality - methylene blue test	ČSN EN 933-9+A1	Aggregates
4.12.7	Determination of resistance to fragmentation	ČSN EN 1097-2, cl. 1 to 5	Aggregates
4.12.8	Determination of loose bulk density and voids	ČSN EN 1097-3	Aggregates
4.12.9	Determination of water content by drying in a ventilated oven	ČSN EN 1097-5	Aggregates
4.12.10	Determination of particle density and water absorption	ČSN EN 1097-6, Annexes A, B	Aggregates
4.12.11	Determination of the particle density of filler - Pycnometer method	ČSN EN 1097-7	Aggregates
4.12.12	Determination of thermal and weathering properties of aggregates – boiling test	ČSN EN 1367-3	Aggregates
4.12.13	Determination of: <ul style="list-style-type: none"> - water-soluble chloride salts by the Volhard method and Mohr method - water-soluble sulphates - total sulphur content - acid-soluble sulphates - potential presence of humus - water solubility 	<p>ČSN EN 1744-1+A1, p. 7, 9</p> <p>p. 10</p> <p>p. 11</p> <p>p. 12</p> <p>p. 15.1</p> <p>p. 16</p>	Aggregates



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
	- loss on ignition	p. 17	
4.12.14	Test for filler aggregate – delta ring and ball test	ČSN EN 13179-1	Aggregates
4.12.15*	Determination of compactibility – Proctor compaction	ČSN EN 13286-2, methods A, B	Soils and backfills
4.12.16	Determination of compressive strength	ČSN EN 13286-41	Hydraulically bound mixtures of soils and backfills
4.12.17	Determination of the California Bearing Ratio and linear swelling	ČSN EN 13286-47	Soils and backfills
4.12.18	Determination of compressive strength	ČSN EN 13286-53	Hydraulically bound mixtures of soils and backfills
4.12.19	Determination of apparent density of solid particles by pycnometer	ČSN EN ISO 17892-3	Soils and backfills
4.12.20	Determination of grain size	ČSN EN ISO 17892-4	Soils and backfills
4.12.21	Determination of moisture content	ČSN EN ISO 17892-1	Soils and backfills
4.12.22	Assessment of fines – Sand equivalent test	ČSN EN 933-8+A1	Aggregates
4.12.23	Classification test for the constituents of coarse recycled aggregate	ČSN EN 933-11	Aggregates
4.17	Mortars, mortar mixtures, renovation materials, screeds		
4.17.1	Determination of resistance to frost	ČSN 72 2452	Masonry mortars
4.17.2	Determination of consistence by flow table	ČSN EN 1015-3	Fresh mortars
4.17.3	Determination of consistence by plunger penetration	ČSN EN 1015-4	Fresh mortars
4.17.4	Determination of mass per unit volume	ČSN EN 1015-6	Fresh mortars
4.17.5	Determination of air content	ČSN EN 1015-7	Fresh mortars
4.17.6	Determination of mass per unit volume	ČSN EN 1015-10	Dry hardened mortar
4.17.7	Determination of compressive strength	ČSN EN 1015-11, p. 9	Dry hardened mortars
4.17.8	Determination of flexural strength	ČSN EN 1015-11, p. 8	Dry hardened mortars



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
4.17.9*	Determination of adhesion	ČSN EN 1015-12	Dry hardened mortars
4.17.10	Determination of adhesion	ČSN EN 12004-2	Cement mortars and adhesives
4.17.11	Determination of water-soluble chloride by titration	ČSN EN 1015-17	Mortars
4.17.12	Determination of capillary water absorption coefficient	ČSN EN 1015-18	Hardened mortars
4.17.13	Determination of slip	ČSN EN 12004-2	Mortars and adhesives
4.17.14	Determination of open time	ČSN EN 12004-2	Mortars and adhesives
4.17.15*	Determination of bleeding, volume changes, fluidity and compressive strength	ČSN EN 445, p. 4.3.1	Injection mortars
4.17.16*	Determination of carbonation depth	ČSN EN 14630	Renovation materials
4.24	Construction cement, fly ash, slags, stabilization of soils, bitumens		
4.24.1	Determination of softening point by ring method	ČSN EN 1427	Bitumen
4.24.2	Determination of normal consistency and setting time	ČSN EN 196-3, p. 1 to 6	Cement, masonry cement
4.24.3	Determination of volume stability	ČSN EN 196-3, p. 7	Cement, masonry cement
4.24.4	Determination of the strength	ČSN EN 196-1	Cement, masonry cement
4.24.5	Determination of fineness of grinding, specific surface and density	ČSN 72 2113, method B	Cement, masonry cement
4.24.6	Determination of fineness of grinding, specific surface and density	ČSN EN 196-6	Cement, masonry cement
4.24.7	Determination of loss on ignition - by gravimetry	ČSN EN 196-2, p. 4.4.1	Cement, masonry cement
4.24.8	Determination of the content of sulphate by gravimetry	ČSN EN 196-2, p. 4.4.2	Cement, masonry cement
4.24.9	Determination of insoluble residue by gravimetry	ČSN EN 196-2, p. 4.4.3	Cement, masonry cement
4.24.10	Determination of sulphide by titration	ČSN EN 196-2, p. 4.4.5	Cement, masonry cement
4.24.11	Determination of silicon dioxide by gravimetry	ČSN EN 196-2, p. 4.5.2, 4.5.3, 4.5.5, 4.5.6	Cement, masonry cement
4.24.12	Determination of iron oxide by titration	ČSN EN 196-2, p. 4.5.10	Cement, masonry cement



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
4.24.13	Determination of aluminium oxide by titration	ČSN EN 196-2, p. 4.5.11	Cement, masonry cement
4.24.14	Determination of calcium oxide by titration	ČSN EN 196-2, p. 4.5.14	Cement, masonry cement
4.24.15	Determination of magnesium oxide by titration	ČSN EN 196-2, p. 4.5.15	Cement, masonry cement
4.24.16	Determination of the alkali content by photometry	ČSN EN 196-2, p. 4.5.19	Cement, masonry cement
4.24.17	Determination of chlorides by titration	ČSN EN 196-2, p. 4.5.16	Cement, masonry cement
4.24.18	Determination of water soluble chromium (Cr6+) by spectrophotometry	ČSN EN 196-10	Cement, masonry cement
4.24.19	Determination of consistency, penetration, water retention and air content by standard mortar test	ČSN EN 413-2	Cement, masonry cement
4.24.20	Determination of hydration heat - dissolving heat	ČSN EN 196-8	Cement, masonry cement
4.24.21	Determination of pozzolanicity	ČSN EN 196-5	Cement, masonry cement
4.24.22	Determination of bulk density (loose, bulk)	ČSN 72 2071, p 11.1, 11.2	Ash, cinder, slag and other silicate matrixes
4.24.23	Determination of volume stability	ČSN EN 450-1, p. 5.3.3	Ash, cinder, slag and other silicate matrixes
4.24.24	Determination of efficiency index	ČSN EN 450-1, p. 3.5, 5.3.2	Ash, cinder, slag and other silicate matrixes
4.24.25	Determination of fineness by wet sieving	ČSN EN 451-2	Ash, cinder, slag and other silicate matrixes
4.24.26	Determination of silicon dioxide by gravimetry	ČSN 72 0105-1	Ash, cinder, slag and other silicate matrixes
4.24.27	Determination of silicon dioxide by gravimetry	ČSN 72 0106	Ash, cinder, slag and other silicate matrixes
4.24.28	Determination of acid-indecomposable share by gravimetric method	ČSN 72 0107	Ash, cinder, slag and other silicate matrixes
4.24.29	Determination of free calcium oxide by titration	ČSN EN 451-1	Ash, cinder, slag and other silicate matrixes
4.24.30	Determination of humidity of slag by gravimetry	ČSN EN 15167-1, Annex A	Ash, cinder, slag and other silicate matrixes
4.24.31	Determination of calcium oxide by titration	ČSN 72 0113-1	Ash, cinder, slag and other silicate matrixes



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
4.24.32	Determination of calcium oxide by titration	ČSN 72 0113-2	Ash, cinder, slag and other silicate matrixes
4.24.33	Determination of calcium oxide by titration	ČSN 72 0113-3	Ash, cinder, slag and other silicate matrixes
4.24.34	Determination of magnesium oxide by titration	ČSN 72 0114-1	Ash, cinder, slag and other silicate matrixes
4.24.35	Determination of magnesium oxide by titration	ČSN 72 0114-2	Ash, cinder, slag and other silicate matrixes
4.24.36	Determination of magnesium oxide by titration	ČSN 72 0114-3	Ash, cinder, slag and other silicate matrixes
4.24.37	Determination of grain size	ČSN EN 459-2, p. 7.1, 7.2	Lime
4.24.38	Determination of reactivity	ČSN EN 459-2, p. 7.6	Lime
4.24.39	Determination of volume stability	ČSN EN 459-2, p. 7.4	Lime
4.24.40	Determination of consistency, penetration, water retention, air content by standard mortar test	ČSN EN 459-2, p. 7.8 to 7.10	Lime
4.24.41	Determination of the effect of fly ash on setting of cement	ČSN 72 2071, p. 11.9	Ash, cinder, slag and other silicate matrixes
4.24.42	Determination of the effect of fly ash on setting of cement	ČSN 72 2080, p. 11.10	Ash, cinder, slag and other silicate matrixes
4.26	Gypsum and gypsum products, rock gypsum, anhydride, MgO based panels		
4.26.1	Determination of flexural and compressive strength	ČSN 72 2301, p. 7, 8	Gypsum binders
4.26.2	Determination of initial and final setting times	ČSN 72 2301, p. 6	Gypsum binders
4.26.3	Determination of fineness of grinding	ČSN 72 2301, p. 5	Gypsum binders
4.26.4	Determination of humidity, bound water and SO ₃ by gravimetry	ČSN 72 1206, p. 21 to 33	Rock gypsum and anhydride
4.29	Cement, adhesives, jointing materials, paints and coating, surface finishes		
4.29.1	Determination of flexural and compressive strength	ČSN EN 12808-3	Grout for tiles
4.29.2	Determination of shrinkage	ČSN EN 12808-4	Grout for tiles
4.29.3	Determination of water absorption	ČSN EN 12808-5	Grout for tiles



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
4.31	Road equipment, road signs, lighting poles		
4.31.1	Test of resistance to stone impact	ČSN EN 1794-1	Road traffic noise reducing devices
4.33	Loading tests of bridges, building structure and floors		
4.33.1*	Load tests	ČSN 73 6209	Bridges
4.33.2*	Static loading tests	ČSN 73 2030, Annexes A, B, C	Building structures and their parts
4.34	Masonry, hardware, partition walls, ceilings, floors		
4.34.1*	Determination of flexural resistance and shear resistance	ČSN EN 846-9 ed. 2	Ancillary components for masonry, lintels
4.34.2*	Determination of dimensions and deflection	ČSN EN 846-11	Ancillary components for masonry, lintels

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Sampling:

Ordinal number	Sampling procedure name	Sampling procedure identification ¹	Sampled object
4.V.1	Fresh concrete sampling	ČSN EN 12350-1	Fresh concrete
4.V.2	Hardened concrete sampling	ČSN EN 12504-1, p. 6	Hardened concrete
4.V.3	Sampling of cement and fly ash	ČSN EN 196-7	Cement and fly ash - sampling

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5. Testing Laboratory in Předměřice nad Labem

Tests:

Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
5.2	Concrete, admixtures and fibres for concrete		
5.2.1*	Determination of consistency by slump test	ČSN EN 12350-2	Fresh concrete
5.2.2*	Determination of consistency by flow table test	ČSN EN 12350-5	Fresh concrete
5.2.3*	Determination of mass per unit volume	ČSN EN 12350-6	Fresh concrete
5.2.4*	Determination of air content - pressure methods	ČSN EN 12350-7, p. 6	Fresh concrete
5.2.5	Determination of resistance to water and chemical de-icing agents	ČSN 73 1326, methods A, C	Hardened concrete
5.2.6*	Determination of compressive strength of test specimens	ČSN EN 12390-2 ČSN EN 12390-3 ČSN EN 12504-1, except p. 6	Hardened concrete
5.2.7	Determination of the indirect tensile strength of test specimens	ČSN EN 12390-6	Hardened concrete
5.2.8	Determination of mass per unit volume	ČSN EN 12390-7	Hardened concrete
5.2.9	Determination of depth of penetration of water under pressure	ČSN EN 12390-8	Hardened concrete
5.2.10*	Test of compressive strength by hardness testing methods (Schmidt N. L.)	ČSN 73 1373	Hardened concrete
5.3	Small concrete products		
5.3.1*	Determination of dimensions	ČSN EN 1339, Annex C	Concrete products
5.3.2*	Determination of dimensions	ČSN EN 1340, Annex C	Concrete products
5.3.3	Determination of flexural strength and fracture load	ČSN EN 1339, Annex F	Concrete products
5.3.4	Determination of bending strength	ČSN EN 1340, Annex F	Concrete products



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
5.4	Concrete building components and structures		
5.4.1*	Determination of dimensions, shapes, top layer of reinforcement, crack width	ČSN EN 13369 ed. 2, Annex H ČSN EN 13369:2013, Annex J	Concrete components
5.4.2	Tests of strength and load bearing capacity	ČSN EN 1916, Annex C	Concrete pipes
5.4.3	Tests of strength and load bearing capacity	ČSN EN 1917, Annex A	Concrete manholes
5.4.4	Water absorption test	ČSN EN 1916, Annex F	Concrete pipes
5.4.5	Determination of total water absorption	ČSN EN 1917, Annex D	Concrete manholes
5.5	Timber, timber components, timber based and fibre-cement products		
5.5.1*	Static loading tests	ČSN EN 380 ČSN 73 2030, Annex D	Timber structures
5.9	Materials, products and waterproofing systems		
5.9.1	Determination of length, width and straightness	ČSN EN 1848-1	Asphalt sheets
5.9.2	Determination of thickness	ČSN EN 1849-1	Asphalt sheets
5.9.3	Determination of mass per unit area	ČSN EN 1849-1	Asphalt sheets
5.9.4	Determination of visible defects	ČSN EN 1850-1	Asphalt sheets
5.9.5	Determination of flow resistance	ČSN EN 1110	Asphalt sheets
5.9.6	Determination of tensile properties	ČSN EN 12311-1	Asphalt sheets
5.9.7*	Determination of tensile adhesion strength	ČSN EN 13596	Waterproofing of concrete bridge decks
5.9.8	Determination of water absorption	ČSN EN 14223	Sheets for waterproofing (for waterproofing of concrete bridge decks)
5.9.9	Determination of flexibility at low temperature	ČSN EN 1109	Asphalt sheets
5.9.10	Determination of watertightness	ČSN EN 1928	Bitumen, plastic and rubber belts and sheets
5.14	Metallic materials and parts in construction		
5.14.1*	Performance of tensile tests	ČSN EN ISO 6892-1	Metallic products
5.17	Mortars, mortar mixtures, renovation materials, screeds		
5.17.1	Frost resistance test	ČSN 72 2452	Masonry mortars



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
5.17.2	Test of compressive strength	ČSN EN 1015-11, p. 9	Dry hardened mortars
5.17.3	Test of compressive strength	ČSN EN 13892-2, p. 6.2	Screeds materials
5.17.4	Test of flexural strength	ČSN EN 1015-11, p. 8	Dry hardened mortars
5.17.5	Test of flexural strength	ČSN EN 13892-2, p. 6.1	Screeds materials
5.17.6*	Determination of adhesion	ČSN EN 1015-12	Dry hardened mortars
5.17.7	Determination of adhesion	ČSN EN 12004-2 ČSN EN 1348:2008	Cement mortars and adhesives
5.17.8	Determination of capillary water absorption coefficient	ČSN EN 1015-18	Hardened mortars
5.17.9	Determination of compressive strength	ČSN EN 12190	Repair materials, repair mortars
5.20	Draining elements		
5.20.1	Load test	ČSN EN 1433, p. 9.1	Drainage channels for vehicular and pedestrian areas
5.20.2	Determination of dimensions, shapes	ČSN EN 124-1, p. 8.4	Gully tops and manhole tops
5.20.3*	Test of load bearing capacity	ČSN EN 124-1, Annex B	Gully tops and manhole tops
5.20.4*	Permanent set test	ČSN EN 124-1, Annex A	Gully tops and manhole tops
5.29	Cement, adhesives, jointing materials, paints and coating, surface finishes		
5.29.1*	Determination of adhesion	ČSN 73 2577	Surface finish
5.29.2	Determination of resistance to frost	ČSN 73 2579	Surface finish
5.29.3	Determination of water vapour transmission properties	ČSN 73 2580	Surface finish
5.29.4	Determination of flexural and compressive strength	ČSN EN 12808-3	Grout for tiles
5.30	Thermal insulation materials and products, thermal tests		
5.30.1*	Determination of length and width	ČSN EN 822	Thermal insulation materials and products
5.30.2*	Determination of thickness	ČSN EN 823	Thermal insulation materials and products
5.30.3*	Determination of squareness	ČSN EN 824	Thermal insulation materials and products
5.30.4*	Determination of flatness	ČSN EN 825	Thermal insulation materials and products
5.30.5	Pressure test	ČSN EN 826	Thermal insulation materials and products



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
5.30.6	Determination of tensile strength perpendicular to face	ČSN EN 1607	Thermal insulation materials and products
5.30.7	Determination of dimensional stability under specified temperature and humidity conditions	ČSN EN 1604	Thermal insulation materials and products
5.30.8	Determination of dimensional stability at constant laboratory conditions	ČSN EN 1603	Thermal insulation materials and products
5.30.9	Determination of water absorption by partial immersion	ČSN EN ISO 29767 ČSN EN 1609:20103	Thermal insulation materials and products
5.30.10	Determination of long term water absorption by immersion	ČSN EN ISO 16535, methods 1A, 2A ČSN EN 12087:2013	Thermal insulation materials and products
5.30.11	Determination of water vapour transmission rate	ČSN EN 12086	Thermal insulation materials and products
5.30.12	Bend test	ČSN EN 12089, method B	Thermal insulation materials and products
5.30.13	Determination of mass per unit volume	ČSN EN 1602	Thermal insulation materials and products
5.30.14	Determination of moisture content	ČSN EN ISO 12570	Thermal insulation materials and products
5.30.15	Determination of thermal resistance by means of guarded hot plate and heat flow meter methods	ČSN EN 12667	Thermal insulation materials and products
5.30.16	Determination of behaviour under point load	ČSN EN 12430	Thermal insulation materials and products
5.30.17	Determination of tensile strength perpendicular to the plane of the panel	ČSN EN 14509 ed. 2, Annex A1	Thermal insulation materials - double skin metal faced panels
5.30.18	Determination of compressive strength	ČSN EN 14509 ed. 2, Annex A2	Thermal insulation materials - self-supporting sandwich panels
5.30.19	Determination of shear strength	ČSN EN 14509 ed. 2, Annexes A3, A4	Thermal insulation materials - self-supporting sandwich panels
5.30.20	Determination of flexural strength	ČSN EN 14509 ed. 2, Annex A5	Thermal insulation materials - self-supporting sandwich panels
5.30.21	Determination of durability	ČSN EN 14509 ed. 2, Annex B	Thermal insulation materials - self-supporting sandwich panels



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
5.32	Thermal insulation systems		
5.32.1	Determination of tensile strength under normal conditions and after artificial ageing	ETAG 004, p. 5.6.7.1	Mesh ETICS
5.33	Loading tests of bridges, building structure and floors		
5.33.1*	Static loading tests	ČSN 73 2030, Annexes A, B, C	Building structures and their parts
5.34	Masonry, hardware, partition walls, ceilings, floors		
5.34.1*	Determination of flexural resistance and shear resistance	ČSN EN 846-9 ed. 2	Ancillary components for masonry, lintels
5.35	Masonry units, permanent formwork, ceilings elements, burnt and concrete roofing		
5.35.1	Determination of dimensions	ČSN EN 772-16	Masonry units
5.35.2	Determination of flexural strength	ČSN 72 2605, cl. 24 to 28	Masonry materials, burnt roofing
5.35.3	Determination of resistance to frost	ČSN 72 2601, Annex A	Brick products
5.35.4	Testing of dimensional tolerances and mass	ČSN EN 491, p. 5.2 - 5.5	Concrete roofing tiles
5.35.5	Determination of cold water absorption	ČSN EN 772-21	Burnt and calcium silicate masonry units
5.35.6	Determination of mass per unit volume	ČSN EN 772-13	Masonry units
5.35.7	Determination of compressive strength	ČSN EN 772-1+A1	Masonry units
5.35.8	Determination of water permeability	ČSN EN 491, p. 5.7	Concrete roofing tiles
5.35.9	Determination of mechanical resistance (transverse load bearing capacity)	ČSN EN 491, p. 5.6	Concrete roofing tiles
5.35.10	Test of freeze resistance	ČSN EN 491, p. 5.8	Concrete roofing tiles

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Sampling:

Ordinal number	Sampling procedure name	Sampling procedure identification ¹	Sampled object
5.V.1	Fresh concrete sampling	ČSN EN 12350-1	Fresh concrete
5.V.2	Hardened concrete sampling	ČSN EN 12504-1, p. 6	Hardened concrete

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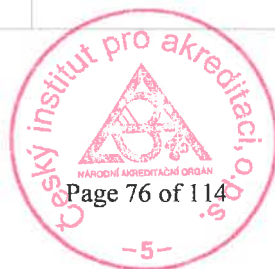
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6. Testing Laboratory in Brno

Tests:

Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
6.2	Concrete, admixtures and fibres for concrete		
6.2.1*	Determination of consistency by slump test	ČSN EN 12350-2	Fresh concrete
6.2.2	Determination of degree of compactibility	ČSN EN 12350-4	Fresh concrete
6.2.3*	Determination of consistency by flow table test	ČSN EN 12350-5	Fresh concrete
6.2.4*	Determination of mass per unit volume	ČSN EN 12350-6	Fresh concrete
6.2.5*	Determination of air content - pressure methods	ČSN EN 12350-7, p. 6	Fresh concrete
6.2.6	Determination of suitability - initial assessment, humic substances	ČSN EN 1008, p. 6.1.1, 6.1.2	Concrete mixing water
6.2.7	Determination of tensile strength	ČSN 73 1318	Hardened concrete
6.2.8	Determination of volume changes	ČSN 73 1320	Hardened concrete
6.2.9	Determination of resistance to frost	ČSN 73 1322	Hardened concrete
6.2.10	Determination of resistance to water and chemical de-icing agents	ČSN 73 1326, methods A, C	Hardened concrete
6.2.11	Determination of modulus of elasticity	ČSN 73 6174	Hardened concrete
6.2.12	Testing of shapes and dimensions	ČSN EN 12390-1	Hardened concrete
6.2.13	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 p. 6	Hardened concrete
6.2.14	Determination of compressive strength of test specimens	ČSN EN 12390-3	Hardened concrete
6.2.15	Determination of flexural strength of test specimens	ČSN EN 12390-5	Hardened concrete



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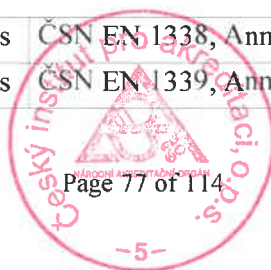
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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
6.2.16	Determination of the indirect tensile strength of test specimens	ČSN EN 12390-6	Hardened concrete
6.2.17	Determination of mass per unit volume	ČSN EN 12390-7	Hardened concrete
6.2.18	Determination of depth of penetration of water under pressure	ČSN EN 12390-8	Hardened concrete
6.2.19	Determination of static modulus of elasticity in compression	ČSN ISO 1920-10	Hardened concrete
6.2.20	Determination of compressive strength	IP 0600T013 (ČSN EN 12390-3)	Hardened concrete - samples of the structure
6.2.21*	Determination of compressive strength	ČSN EN 12504-1, except p. 6	Hardened concrete
6.2.22*	Determination of rebound number by hardness drop tester	ČSN EN 12504-2	Hardened concrete
6.2.23*	Determination of hardness by Schmidt rebound tester	ČSN 73 1370	Hardened concrete
6.2.24*	Determination of compressive strength by hardness testing methods (Schmidt N. L.)	ČSN 73 1373	Hardened concrete
6.2.25*	Determination of compressive strength by hardness testing methods (Schmidt N. L.)	ČSN 73 2011	Hardened concrete
6.2.26	Determination of solids content	ČSN EN 480-8	Concrete and mortar additives
6.2.27	Determination of water-soluble chloride content	ČSN EN 480-10	Concrete and mortars additives
6.2.28	Determination of seam strength	ČSN EN 934-5, Annex C	Concrete and mortars additives
6.2.29*	Determination of adhesion, tensile strength and impermeability	ČSN 73 6242, annex B	Bridges - surface layers
6.2.30*	Determination of impermeability by measuring electrical resistance	ČSN 73 6242, annex D	Bridges - surface layers
6.3	Small concrete products		
6.3.1*	Determination of dimensions	ČSN EN 1338, Annex C	Concrete products
6.3.2*	Determination of dimensions	ČSN EN 1339, Annex C	Concrete products



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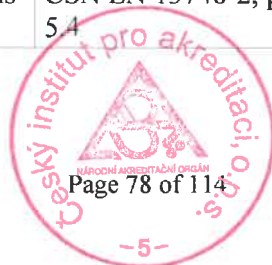
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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
6.3.3*	Determination of dimensions	ČSN EN 1340, Annex C	Concrete products
6.3.4	Determination of total water absorption	ČSN EN 1338, Annex E	Concrete products
6.3.5	Determination of total water absorption	ČSN EN 1339, Annex E	Concrete products
6.3.6	Determination of total water absorption	ČSN EN 1340, Annex E	Concrete products
6.3.7	Determination of the indirect tensile strength	ČSN EN 1338, Annex F	Concrete products
6.3.8	Determination of flexural strength and fracture load	ČSN EN 1339, Annex F	Concrete products
6.3.9	Determination of bending strength	ČSN EN 1340, Annex F	Concrete products
6.3.10	Determination of abrasiveness - Bohme	ČSN EN 1338, Annex H	Concrete products
6.3.11	Determination of abrasiveness - Bohme	ČSN EN 1339, Annex H	Concrete products
6.3.12	Determination of abrasiveness - Bohme	ČSN EN 1340, Annex H	Concrete products
6.3.13	Determination of resistance to freezing/thawing	ČSN EN 1338, Annex D	Concrete products
6.3.14	Determination of resistance to freezing/thawing	ČSN EN 1339, Annex D	Concrete products
6.3.15	Determination of resistance to freezing/thawing	ČSN EN 1340, Annex D	Concrete products
6.3.16	Determination of cracks, peeling, structure, colours visually	ČSN EN 1339, Annex J	Concrete products
6.3.17	Determination of cracks, peeling, structure, colours visually	ČSN EN 1338, Annex J	Concrete products
6.3.18	Determination of cracks, peeling, structure, colours visually	ČSN EN 1340, Annex J	Concrete products
6.3.19	Determination of dimensions	ČSN EN 13748-1, p. 5.2, 5.3, 5.4	Concrete products
6.3.20	Determination of flexural strength and fracture load	ČSN EN 13748-1, p. 5.5	Concrete products
6.3.21	Determination of water absorption	ČSN EN 13748-1, p. 5.8	Concrete products
6.3.22	Determination of dimensions	ČSN EN 13748-2, p. 5.2, 5.3, 5.4	Concrete products



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
6.3.23	Determination of flexural strength and fracture load	ČSN EN 13748-2, p. 5.5	Concrete products
6.3.24	Determination of abrasiveness - Böhme	ČSN EN 13748-1, p. 5.6.2	Concrete products
6.3.25	Determination of abrasiveness - Böhme	ČSN EN 13748-2, p. 5.6.2	Concrete products
6.3.26	Determination of frost resistance (C.D.A)	ČSN EN 13748-2, p. 5.9	Concrete products
6.3.27	Determination of slipperiness	ČSN EN 1338, Annex I	Concrete products
6.3.28	Determination of slipperiness	ČSN EN 1339, Annex I	Concrete products
6.3.29	Determination of slipperiness	ČSN EN 1340, Annex I	Concrete products
6.3.30	Determination of slipperiness	ČSN EN 13784-1	Concrete products
6.3.31	Determination of slipperiness	ČSN EN 13784-2	Concrete products
6.4	Concrete building components and structures		
6.4.1*	Determination of shapes and dimensions, appearance	ČSN 73 0212-5	Building components
6.4.2*	Determination of dimensions, shapes, top layer of reinforcement, crack width	ČSN EN 13369, Annex J	Concrete components
6.4.3*	Determination of dimensions, shapes, top layer of reinforcement, crack width	ČSN EN 12839 ed. 2	Fence elements
6.4.4*	Determination of dimensions, shapes, top layer of reinforcement, crack width	ČSN EN 15037-1	Concrete girders for ceiling structures
6.4.5*	Static loading test	ČSN EN 15037-1	Concrete girders for ceiling structures
6.4.6	Determination of shear load capacity	ČSN EN 1168+A3, Annex J	Hollow core slabs
6.4.7	Static loading test	ČSN EN 13230-2	Concrete sleepers
6.4.8	Determination of weight	ČSN 73 2045	Building components
6.4.9	Static loading test	ČSN EN 13230-4	Concrete sleepers
6.7	Glass grids, geotextiles and geotextile-related products		
6.7.1	Wide-width tensile test	ČSN EN ISO 10319	Geotextiles and geogrids
6.7.2	Determination of tensile strength and elongation	ČSN EN 13496 EAD 040016-01-0404, cl. 2.2.7	Glass fibre mesh
6.7.3	Determination of the ratio of organic material	EAD 040016-01-0404, cl. 2.2.2	Glass fibre mesh



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
6.7.4	Detection of mesh size	EAD 040016-01-0404, cl. 2.2.5	Glass fibre mesh
6.7.5	Determination of mass per unit area	EAD 040016-01-0404, cl. 2.2.8	Glass fibre mesh
6.9	Materials, products and waterproofing systems		
6.9.1	Determination of tensile properties	ČSN EN 12311-2	Plastic and rubber belts and sheets
6.9.2	Determination of watertightness	ČSN EN 14891 ed.2, method A.7	Liquid-applied water impermeable products used under ceramic tiling
6.11	Chemical analyses of silicate and building products		
6.11.1	Determination of loss in mass by drying - by gravimetry	ČSN 72 0102	Silicate materials
6.11.2	Determination of loss by ignition - by gravimetry	ČSN 72 0103	Silicate materials
6.11.3	Determination of silicon dioxide by defumigation with hydrofluoric acid - by gravimetry	ČSN 72 0105-2	Silicate materials
6.11.4	Determination of sulphate sulphur by gravimetric method	ČSN 72 0117	Silicate materials
6.12	Stone, aggregates, inactive concrete admixtures, soils		
6.12.1	Determination of resistance to freezing and thawing	ČSN EN 1367-1	Aggregates
6.12.2	Determination of particle size distribution – sieving analysis	ČSN EN 933-1	Aggregates
6.12.3	Determination of particle shape – shape index	ČSN EN 933-4	Aggregates
6.12.4	Determination of fine particle quality - sand equivalent test	ČSN EN 933-8+A1	Aggregates
6.12.5	Determination of fine particle quality - methylene blue test	ČSN EN 933-9+A1	Aggregates
6.12.6	Test of grading of filler aggregates - air-jet sieving	ČSN EN 933-10	Aggregates
6.12.7	Classification test for the constituents of coarse recycled aggregate	ČSN EN 933-11	Aggregates
6.12.8	Determination of resistance to fragmentation	ČSN EN 1097-2	Aggregates
6.12.9	Determination of loose bulk density and voids	ČSN EN 1097-3	Aggregates

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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
6.12.10	Determination of water content by drying in a ventilated oven	ČSN EN 1097-5	Aggregates
6.12.11	Determination of particle density and water absorption	ČSN EN 1097-6	Aggregates
6.12.12	Determination of particle density and water absorption	ČSN EN 1097-7	Aggregates
6.12.13	Determination of resistance by magnesium sulphate	ČSN EN 1367-2	Aggregates
6.12.14	Determination of the potential presence of humus, silicate and iron decay	ČSN EN 1744-1+A1, p. 8, 9, 10.1, 11.1, 12, 15.1	Aggregates
6.12.15	Determination of alkali reaction, determination of shrinkage	ČSN 72 1179	Aggregates
6.12.16	Determination of alkali reaction, determination of shrinkage	ASTM C 1260-94	Aggregates
6.12.17	Determination of abrasion resistance by Böhme method	ČSN EN 14157, chap. 4	Stone
6.12.18	Determination of flexural strength	ČSN EN 12326-2, chap. 10	Stone
6.12.19	Determination of water absorption	ČSN EN 12326-2, chap. 11	Stone
6.12.20	Determination of resistance to sulphur dioxide	ČSN EN 12326-2, chap. 14	Stone
6.12.21	Determination of temperature change resistance	ČSN EN 12326-2, chap. 15	Stone
6.12.22	Determination of flexural strength under concentrated load	ČSN EN 12372	Stone
6.12.23	Determination of water absorption coefficient by capillarity	ČSN EN 1925	Stone
6.12.24	Determination of compressive strength	ČSN EN 1926	Stone
6.12.25	Determination of real density and apparent density and of total and open porosity	ČSN EN 1936	Stone
6.12.26	Determination of water absorption	ČSN EN 13755	Stone
6.12.27	Determination of resistance to frost	ČSN EN 12326-2, chap. 12	Stone



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
6.12.28	Determination of resistance to frost	ČSN EN 12371, test A	Stone
6.12.29	Determination of polished stone value	ČSN EN 1097-8	Aggregates
6.14	Metallic materials and part in construction		
6.14.1	Performance of tensile tests	ČSN EN ISO 6892-1	Metallic products
6.14.2	Performance of tensile tests	ČSN EN ISO 15630-2, p. 5	Metallic products
6.14.3	Test of steel weldability – shear strength	ČSN EN ISO 15630-2, p. 7	Metallic products
6.14.4*	Determination of coating thickness	ČSN ISO 2178	Metallic products
6.14.5	Determination of coating weight by gravimetry	ČSN EN 10244-1, p. 5.2.1 ČSN EN 10244-2, p. 5.2.2	Metallic products
6.14.6	Salt spray test	ČSN EN ISO 9227, p. 5.2.2	Metallic products
6.17	Mortars, mortar mixtures, renovation materials, screeds		
6.17.1	Frost resistance test	ČSN 72 2452	Masonry mortars
6.17.2	Determination of consistence by flow table	ČSN EN 1015-3	Fresh mortars
6.17.3	Determination of consistence by plunger penetration	ČSN EN 1015-4	Fresh mortars
6.17.4	Determination of mass per unit volume	ČSN EN 1015-6	Fresh mortars
6.17.5	Test of air content	ČSN EN 1015-7	Fresh mortars
6.17.6	Test of compressive strength	ČSN EN 1015-11, p. 9	Dry hardened mortars
6.17.7	Test of compressive strength	ČSN EN 13892-2, p. 6.2	Screeds materials
6.17.8	Test of flexural strength	ČSN EN 1015-11, p. 8	Dry hardened mortars
6.17.9	Test of flexural strength	ČSN EN 13892-2, p. 6.1	Screeds materials
6.17.10*	Determination of adhesion	ČSN EN 1015-12	Dry hardened mortars
6.17.11	Determination of adhesion	ČSN EN 12004-2	Cement mortars and adhesives
6.17.12	Determination of water vapour permeability	ČSN EN 1015-19	Rendering and plastering mortars
6.17.13	Determination of compatibility with substrates	ČSN EN 1015-21	Mortars and one-coat rendering mortars
6.17.14	Determination of open time	ČSN EN 12004-2	Mortars and adhesives
6.17.15	Determination of abrasion resistance (Böhme)	ČSN EN 13892-3	Screeds materials



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6.17.16*	Determination of bleeding, volume changes, fluidity and compressive strength	ČSN EN 445, p. 4.3.1, 4.3.2	Injection mortars
6.17.17	Determination of volume stability	ČSN 72 2453:1968	Mortars
6.17.18	Determination of water vapour transmission rate	ČSN 72 2454:1968	Mortars
6.17.19	Determination of shrinkage and expansion	ČSN EN 12617-4, p. 6, 7	Renovation materials
6.17.20	Determination of compressive strength	ČSN EN 12190	Repair materials, repair mortars
6.17.21	Determination of resistance to capillary absorption	ČSN EN 13057	Renovation materials
6.17.22	Measurement of bond strength by pull-off	ČSN EN 1542	Renovation materials
6.17.23	Determination of modulus of elasticity in compression	ČSN EN 13412	Renovation materials
6.17.24	Determination of thermal compatibility - thermal cycling without de-icing salt impact	ČSN EN 13687-3	Renovation materials
6.18	Tanks, reservoirs, septic tanks, water treatment plants		
6.18.1*	Water tightness test	ČSN 75 0905	Tanks
6.20	Draining elements		
6.20.1*	Load test	ČSN EN 1253-2, p. 5.3	Gully tops and manhole tops
6.20.2	Determination of dimensions, shapes	ČSN EN 124-1, p. 8.4	Gully tops and manhole tops
6.20.3*	Load test	ČSN EN 1433 cl. 9.1	Drainage channels for vehicular and pedestrian areas
6.20.4	Determination of dimensions and shape	ČSN EN 1433, p. 9.3	Drainage channels for vehicular and pedestrian areas
6.20.5	Determination of resistance to frost and chemical de-icing agents	ČSN EN 1433, annex C	Drainage channels for vehicular and pedestrian areas
6.20.6	Permanent set test	ČSN EN 124-1, Annex A	Gully tops and manhole tops
6.20.7	Test of load bearing capacity	ČSN EN 124-1, Annex B	Gully tops and manhole tops
6.20.8	Test to determine the unpolished skid resistance value (USRV) of manhole covers	ČSN EN 124-1, Annex C	Gully tops and manhole tops



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6.20.9	Tilt test	ČSN EN 124-1, Annex D	Gully tops and manhole tops
6.20.10	Determination of removal vertical force and vertical displacement	ČSN EN 124-1, Annex E	Gully tops and manhole tops
6.20.11	Resistance to fatigue	ČSN EN 124-5, p. 6.3	Gully tops and manhole tops
6.20.12	Water absorption	ČSN EN 124-5, p. 4.3.3	Gully tops and manhole tops
6.20.13	Resistance to vehicle fuels	ČSN EN 124-5, p. 4.3.4	Gully tops and manhole tops
6.20.14	Test of deflection under load	ČSN EN 124-5, Annex A	Gully tops and manhole tops
6.20.15	Test of deflection under load	ČSN EN 124-6, Annex B	Gully tops and manhole tops
6.20.16	Test of deflection under load	ČSN EN 124-3, Annex A	Gully tops and manhole tops
6.23	Plastics and composites		
6.23.1	Determination of tensile properties	ČSN EN ISO 527-1	Plastics
6.23.2	Determination of tensile properties	ČSN EN ISO 527-3	Plastics
6.23.3	Determination of the tensile strength, modulus of elasticity, elongation	ISO 10406-1, chap. 6	Fibre-reinforced polymer bars
6.23.4	Determination of the nominal cross-sectional area	ISO 10406-1, chap. 5	Fibre-reinforced polymer bars
6.23.5	Determination of the bond strength by pull-out testing	ISO 10406-1, chap. 7	Fibre-reinforced polymer bars
6.23.6	Determination of the tensile fatigue	ISO 10406-1, chap. 10	Fibre-reinforced polymer bars
6.23.7	Determination of the shear strength	ISO 10406-1, chap. 13	Fibre-reinforced polymer bars
6.23.8	Determination of the alkali resistance	ISO 10406-1, chap. 11	Fibre-reinforced polymer bars
6.23.9	Determination of the glass fibres	ČSN EN ISO 1172	Fibre-reinforced polymer bars
6.23.10	Determination of tensile properties	ČSN EN ISO 527-4	Fibre-reinforced polymer bars
6.23.11	Determination of density	ČSN EN 12467+A2, p. 7.3.1	Fibre-cement flat sheets
6.23.12	Determination of flexural strength	ČSN EN 12467+A2, p. 7.3.2	Fibre-cement flat sheets
6.23.13	Determination of water impermeability	ČSN EN 12467+A2, p. 7.3.3	Fibre-cement flat sheets
6.23.14	Determination of water vapour permeability	ČSN EN 12467+A2, p. 7.3.4	Fibre-cement flat sheets
6.23.15	Determination of bend change - hot water test	ČSN EN 12467+A2, p. 7.3.5	Fibre-cement flat sheets

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6.23.16	Determination of bend change - absorption-drying test	ČSN EN 12467+A2, p. 7.3.6	Fibre-cement flat sheets
6.23.17	Determination of changes of dimensions due to humidity	ČSN EN 12467+A2, p. 7.3.7	Fibre-cement flat sheets
6.23.18	Test of behaviour under climate conditions - freeze-thaw tests	ČSN EN 12467+A2, p. 7.4.1	Fibre-cement flat sheets
6.23.19	Test of behaviour under climate conditions - heat-rain tests	ČSN EN 12467+A2, p. 7.4.2	Fibre-cement flat sheets
6.23.20	Measuring bending strength	ČSN EN 1170-5	Glass-fibre reinforced cement
6.23.21	Determination of density	ČSN EN 1170-6	Glass-fibre reinforced cement
6.23.22	Cyclic weathering type test	ČSN EN 1170-8	Glass-fibre reinforced cement
6.24	Construction cement, fly ash, slags, stabilization of soils, bitumens		
6.24.1	Determination of normal consistency and setting time	ČSN EN 196-3, p. 1 - 6	Cement, masonry cement
6.24.2	Determination of volume stability	ČSN EN 196-3, p. 7	Cement, masonry cement
6.24.3	Determination of strength	ČSN EN 196-1	Cement, masonry cement
6.24.4	Determination of density by pycnometry	ČSN 72 2113, method B	Cement, masonry cement
6.24.5	Determination of fineness by sieving method	ČSN EN 196-6, p. 3.1 to 3.5	Cement, masonry cement
6.24.6	Determination of fineness by permeable method	ČSN EN 196-6, p. 4.1 to 4.10	Cement, masonry cement
6.24.7	Determination of loss on ignition by gravimetry	ČSN EN 196-2, p. 4.4.1	Cement, masonry cement
6.24.8	Determination of the residue insoluble in hydrochloric acid and sodium carbonate, potassium hydroxide - by gravimetry	ČSN EN 196-2, p. 4.4.3, 4.4.4	Cement, masonry cement
6.24.9	Determination of silicon dioxide by gravimetry	ČSN EN 196-2, p. 4.5.5, 4.5.3	Cement, masonry cement
6.24.10	Determination of calcium oxide by titration	ČSN EN 196-2, p. 4.5.14	Cement, masonry cement
6.24.11	Determination of magnesium oxide by titration	ČSN EN 196-2, p. 4.5.15	Cement, masonry cement

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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
6.24.12	Determination of chlorides by titration	ČSN EN 196-2, p. 4.5.16	Cement, masonry cement
6.24.13	Determination of sulphur content in the form of SO ₃ - by gravimetry	ČSN EN 196-2, p. 4.4.2	Cement, cement for masonry
6.24.14	Determination of silicon dioxide by gravimetry	ČSN 72 0105-1	Ash, cinder, slag and other silicate matrixes
6.24.15	Determination of silicon dioxide by gravimetry	ČSN 72 0106	Ash, cinder, slag and other silicate matrixes
6.24.16	Determination of acid-indecomposable share by gravimetric method	ČSN 72 0107	Ash, cinder, slag and other silicate matrixes
6.24.17	Determination of R ₂ O ₃ by gravimetric method	ČSN 72 0108:1974	Ash, cinder, slag and other silicate matrixes
6.24.18	Determination of grain size	ČSN EN 459-2, p. 6.1, 6.2	Lime
6.24.19	Determination of reactivity	ČSN EN 459-2, p. 6.6	Lime
6.24.20	Determination of volume stability	ČSN EN 459-2, p. 6.4	Lime
6.24.21	Determination of consistency, penetration, water retention and air content by standard mortar test	ČSN EN 459-2, p. 6.8 to 6.10	Lime
6.24.22	Determination of loss by ignition - by gravimetry	ČSN EN 459-2, p. 5.7	Lime
6.24.23	Determination of SiO ₂ , CaO, MgO by titration	ČSN EN 459-2, p. 5.2	Lime
6.24.24	Determination of sulphur content in the form of SO ₃ by gravimetry	ČSN EN 459-2, p. 5.3	Lime
6.24.25	Determination of efficiency	ČSN EN 459-2	Lime
6.24.26	Determination of free water and loss by drying	ČSN EN 459-2	Lime
6.24.27	Determination of bulk density	ČSN EN 459-2	Lime
6.24.28	Determination of fineness of grinding	ČSN 72 1213	Limestone, dolomite
6.26	Gypsum and gypsum products, rock gypsum, anhydride, MgO based panels		
6.26.1	Determination of flexural strength	ČSN EN 13279-2, p. 4.5.4	Gypsum binders and gypsum plasters
6.26.2	Determination of compressive strength	ČSN EN 13279-2, p. 4.5.5	Gypsum binders and gypsum plasters

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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
6.26.3	Determination of consistence and workable life	ČSN EN 13279-2, p. 4.3.3	Gypsum binders and gypsum plasters
6.26.4	Determination of consistence and workable life	ČSN EN 13454-2, p. 4.4.2.2	Screeds based on calcium sulfate
6.26.5	Determination of compressive strength and flexural strength	ČSN EN 13454-2, p. 4.4	Screeds based on calcium sulfate
6.27	Construction and sanitary ceramics		
6.27.1*	Determination of slip resistance	ČSN P CEN/TS 16165, annex C	Floor coverings, pedestrian surfaces
6.29	Cement, adhesives, jointing materials, paints and coating, surface finishes		
6.29.1*	Determination of adhesion	ČSN 73 2577	Surface finish
6.29.2*	Determination of watertightness	ČSN 73 2578	Surface finish
6.29.3	Determination of resistance to frost	ČSN 73 2579	Surface finish
6.29.4	Determination of resistance to rapid temperature changes	ČSN 73 2581	Surface finish
6.29.5	Determination of water vapour transmission rate	ČSN EN ISO 7783	Surface finish
6.29.6	Determination of water permeability	ČSN EN 1062-3	Surface finish
6.29.7*	Determination of thickness	ČSN EN ISO 2808, methods 7C, 7D	Surface finish
6.29.8	Determination of flexural and compressive strength	ČSN EN 12808-3	Grout for tiles
6.29.9	Determination of shrinkage	ČSN EN 12808-4	Grout for tiles
6.29.10	Determination of water absorption	ČSN EN 12808-5	Grout for tiles
6.29.11*	Determination of thickness	ČSN EN ISO 2360	Surface finish
6.30	Thermal insulation materials and products, thermal tests		
6.30.1	Determination of tensile strength perpendicular to face	ČSN EN 1607	Thermal insulation materials and products
6.30.2	Determination of water vapour transmission rate	ČSN EN 12086	Thermal insulation materials and products
6.30.3	Reaction to fire tests - determination of the gross heat of combustion (calorific value)	ČSN EN ISO 1716	Thermal insulation materials and products



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6.30.4	Reaction to fire tests - Single-flame source test	ČSN EN ISO 11925-2	Constructions materials and products
6.30.5	Determination of the apparent density	ČSN EN 1602	Thermal insulation materials and products
6.30.6	Determination of length and width	ČSN EN 822	Thermal insulation materials and products
6.30.7	Determination of thickness	ČSN EN 823	Thermal insulation materials and products
6.30.8	Determination of linear dimensions of test specimens	ČSN EN 12085	Thermal insulation materials and products
6.30.9	Tensile test perpendicular to the faces – in wet conditions	ETAG 004, p. 5.2.4.1.2	Thermal insulation materials and products
6.32	Thermal insulation systems		
6.32.1	Determination of adhesion to the substrate	ETAG 004, p. 5.1.4.1, 5.1.7.1 EAD 040287-00-0404, p. 2.2.8 EAD 040083-00-0404, p. 2.2.11, 2.2.20	Adhesive and screed materials for ETICS
6.32.2	Determination of resistance to frost	ETAG 004, p. 5.1.3.2.2 EAD 040287-00-0404, p. 2.2.5.2 EAD 040083-00-0404, p. 2.2.7	Mortars
6.32.3	Determination of diffusion	ETAG 004, p. 5.1.3.4 EAD 040083-00-0404, p. 2.2.9.1	Surface finish - outer layers
6.32.4	Determination of tensile strength under normal conditions and after artificial ageing	ETAG 004 p. 5.6.7.1 EAD 040083-00-0404, p. 2.2.21.1, 2.2.21.2	Mesh ETICS
6.32.5	Determination of water absorption	ETAG 004 p. 5.1.3.1 EAD 040287-00-0404, p. 2.2.3 EAD 090019-00-0404, p. 2.2.4 EAD 040083-00-0404, p. 2.2.5.1	ETICS
6.32.6	Determination of resistance to impact – coating impact test	ETAG 004 p. 5.1.3.3 EAD 040083-00-0404, p. 2.2.8	ETICS



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6.32.7	Determination of the pull-through resistance of anchors through insulation	ETAG 004 p. 5.1.4.3.1 EAD 040287-00-0404, p. 2.2.12 EAD 040083-00-0404, p. 2.2.13.1	ETICS
6.32.8	Determination of mass per unit volume	ETAG 004 p. C.1.1.1 EAD 040287-00-0404, p. L.1.1 EAD 040083-00-0404, p. A.6.1	Adhesive and screed materials, plasters and liquids – ETICS
6.32.9	Determination of dry matter	ETAG 004 p. C.1.1.2 EAD 040287-00-0404, p. L.3 EAD 040083-00-0404, p. A.6.5	Plasters and liquids – ETICS
6.32.10	Determination of ash content	ETAG 004 p. C.1.1.3 EAD 040287-00-0404, p. L.4.1 EAD 040083-00-0404, p. A.6.6	Pastes and liquids - ETICS
6.32.11	Determination of pull-out resistance of a fixing through a cladding element	EAD 090062-00-0404, Annex I.1.1	Ventilated facades
6.32.12	Determination of pull-out resistance of a fixing through a cladding element under combined tensile and shear loads	EAD 090062-00-0404, Annex I.5	Ventilated facades
6.32.13	Determination of pull-through resistance of a fixing through a profile	EAD 090062-00-0404, Annex J.2	Ventilated facades
6.32.14	Determination of pull-through resistance of a fixing through a metal clip	EAD 090062-00-0404, Annex I.1.2	Ventilated facades
6.32.15	Determination of pull-through resistance of a fixing under shear load	EAD 090062-00-0404, Annex I.2	Ventilated facades
6.32.16	Determination of pull-out resistance of a fixing under shear load	EAD 090062-00-0404, Annex I.4	Ventilated facades
6.32.17	Determination of pull-out resistance of a fixing under tensile load	EAD 090062-00-0404, Annex I.3	Ventilated facades



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
6.32.18	Determination of break resistance of a grooved cladding element	EAD 090062-00-0404, Annex H	Ventilated facades
6.32.19	Determination of metal clip break resistance	EAD 090062-00-0404, Annex J.3	Ventilated facades
6.32.20	Determination of suspended kit break resistance	EAD 090062-00-0404, Annex I.6	Ventilated facades
6.32.21	Determination of resistance to horizontal point loads	EAD 090062-00-0404, annex F	Ventilated façades
6.32.22	Determination of hard and soft body impact resistance	EAD 090062-00-0404, Annex G	Ventilated facades
6.32.23	Reserved		
6.32.24	Wind suction test – alternative method	EAD 090062-00-0404, Annex E.1	Ventilated facades
6.32.25	Determination of resistance to vertical load	EAD 090062-00-0404, Annex J.1	Ventilated facades
6.32.26	Determination of bracket resistance to vertical load (dead weight) and horizontal load (wind suction)	EAD 090062-00-0404, Annex L	Ventilated facades
6.32.27	Reserved		
6.32.28	Determination of hygrothermal behaviour	ETAG 004, cl. 5.1.3.2.1	ETICS
6.32.29	Determination of hygrothermal behaviour	EAD 090062-00-0404, annex M.1 EAD 040083-00-0404, cl. 2.2.6	Ventilated façades
6.32.30	Determination of impact resistance	ETAG 017, cl. 5.4.5.1, 5.4.5.2, 5.4.5.3	Ventilated façades
6.32.31	Determination of ash content of reinforcement mesh	EAD 040083-00-0404, cl. A.8.1	Mesh – ETICS
6.32.32	Reserved		
6.32.33	Determination of mesh size and number of fibres	EAD 040083-00-0404, cl. A.8.3	ETICS meshes
6.32.34	Reserved		
6.32.35	Reserved		
6.32.36	Reserved		
6.32.37	Determination of mass per unit area	EAD 040083-00-0404, cl. A.8.2	ETICS meshes

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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
6.32.38	Reserved		
6.32.39	Determination of thermal-humidity behaviour	ČSN EN 16383	ETICS
6.32.40	Determination of the pull-off resistance of external thermal insulation composite systems	ČSN EN 13495, method A, B, C, D, E	ETICS
6.33	Loading tests of bridges, building structure and floors		
6.33.1*	Load tests	ČSN 73 6209	Bridges
6.33.2	Determination of impact resistance	ČSN 74 3305, Annex B	Railings
6.33.3*	Static loading tests	ČSN 73 2030, Annexes A, B, C	Building structures and their parts
6.34	Masonry, hardware, partition walls, ceilings, floors		
6.34.1	Determination of resistance to soft body impact load	EAD 210005-00-0505, p. 2.2.6.1	Internal partition kits
6.34.2	Determination of resistance to hard body impact load	EAD 210005-00-0505, p. 2.2.6.2	Internal partition kits
6.34.3	Determination of compressive strength	ČSN EN 1052-1	Masonry
6.34.4	Determination of flexural strength	ČSN EN 1052-2	Masonry
6.34.5	Determination of initial shear strength	ČSN EN 1052-3	Masonry
6.34.6	Determination of tensile and compressive load capacity and load displacement characteristics of wall ties	ČSN EN 846-5	Ancillary components for masonry
6.34.7	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
6.34.8*	Determination of flexural resistance and shear resistance	ČSN EN 846-9 ed. 2	Ancillary components for masonry, lintels
6.34.9*	Determination of dimensions and deflection	ČSN EN 846-11	Ancillary components for masonry, lintels
6.34.10	Bend test	ČSN EN 13964 ed. 2, cl. 5.2	Metal profiles of suspended ceilings



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
6.34.11	Static test, functionality test	ČSN EN 13964 ed. 2, cl. 5.3	Metal hinges and connecting parts of suspended ceilings
6.34.12	Determination of impact resistance	ISO 7892	Ventilated facades, partition kits, railings
6.34.13	Determination of small hard body impact resistance	EOTA TR 001, p. 3	Ventilated facades, partition kits, railings
6.35	Masonry units, permanent formwork, ceilings elements, burnt and concrete roofing		
6.35.1	Determination of water permeability	ČSN EN 539-1, method 2	Clay roofing tiles
6.35.2	Determination of dimensions	ČSN EN 772-16	Masonry units
6.35.3	Determination of compressive strength and flexural strength	ČSN 72 2605, cl. 21 to 28	Masonry materials, burnt roofing
6.35.4	Determination of load-bearing capacity	ČSN EN 538	Masonry materials, burnt roofing
6.35.5	Determination of fracture load	ČSN 72 2642, cl. 13	Brick products, ceiling materials
6.35.6	Determination of resistance to frost	ČSN 72 2601, Annex A	Brick products
6.35.7	Determination of resistance to frost	ČSN EN 539-2	Clay roofing tiles
6.35.8	Determination of resistance to frost	ČSN EN 772-18	Calcium silicate masonry units
6.35.9	Testing of dimensional tolerances and mass	ČSN EN 491, p. 5.2 to 5.5	Concrete roofing tiles
6.35.10	Determination of percentage area of voids (by paper indentation)	ČSN EN 772-2	Concrete masonry units
6.35.11	Determination of net volume and percentage of voids and material by filling the voids with sand	ČSN EN 772-9	Calcium silicate masonry units
6.35.12	Determination of geometrical characteristics	ČSN EN 1024	Clay roofing tiles
6.35.13	Determination of moisture content	ČSN EN 772-10	Calcium silicate and autoclaved aerated concrete units
6.35.14	Determination of water absorption by boiling	ČSN EN 772-7	Burnt masonry units for damp proof course units



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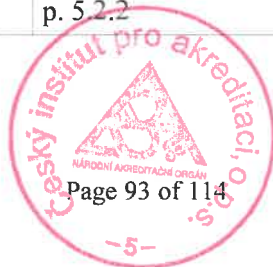
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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
6.35.15	Determination of water absorption due to capillary action and the initial rate of water absorption	ČSN EN 772-11	Concrete masonry units and burnt masonry units of manufactured and natural stone
6.35.16	Determination of cold water absorption	ČSN EN 772-21	Burnt and calcium silicate masonry units
6.35.17	Determination of net volume and percentage of voids by hydrostatic weighing	ČSN EN 772-3	Masonry units
6.35.18	Determination of mass per unit volume	ČSN EN 772-13	Masonry units
6.35.19	Determination of transversal fracture load	ČSN EN 1344, Annex D	Clay pavers
6.35.20	Determination of geometrical characteristics	ČSN EN 1344, Annex B	Clay pavers
6.35.21	Determination of moisture movement	ČSN EN 772-14	Masonry units
6.35.22	Determination of mass, density and water absorption	ČSN 72 2603	Brick products
6.35.23	Determination of susceptibility to efflorescence	ČSN 72 2608	Brick products
6.35.24	Determination of flatness of faces	ČSN EN 772-20	Masonry units
6.35.25	Flexural strength	ČSN EN 772-6	Masonry units, concrete masonry units
6.35.26*	Determination of appearance and dimensions	ČSN 72 2602	Brick products
6.35.27	Measurement of surface dimensions and characteristics	ČSN EN 15037-2+A1, p. 5.1	Beam-and-block floor systems
6.35.28	Measurement of surface dimensions and characteristics	ČSN EN 15037-3+A1, p. 5.1	Beam-and-block floor systems
6.35.29	Determination of resistance to concentric load	ČSN EN 15037-3+A1, p. 5.2.1	Beam-and-block floor systems
6.35.30	Determination of flexural strength	ČSN EN 15037-2+A1, p. 5.2.2	Beam-and-block floor systems
6.35.31	Determination of flexural strength	ČSN EN 15037-3+A1, p. 5.2.2	Beam-and-block floor systems



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
6.35.32	Determination of compressive strength in longitudinal direction	ČSN EN 15037-2+A1, p. 5.2.3	Beam-and-block floor systems
6.35.33	Determination of compressive strength in longitudinal direction	ČSN EN 15037-3+A1, p. 5.2.3	Beam-and-block floor systems
6.35.34	Determination of the indirect strength	ČSN EN 15037-2+A1, p. 5.2.4	Beam-and-block floor systems
6.35.35	Determination of the indirect strength	ČSN EN 15037-3+A1, p. 5.2.4	Beam-and-block floor systems
6.35.36	Determination of presence of lime nodules	ČSN 72 2607	Brick products
6.35.37	Determination of compressive strength	ČSN EN 772-1+A1	Masonry units
6.35.38	Determination of water permeability	ČSN EN 491, p. 5.7	Concrete roofing tiles
6.35.39	Determination of mechanical resistance (transverse load bearing capacity)	ČSN EN 491, p. 5.6	Concrete roofing tiles
6.35.40	Frost resistance test	ČSN EN 491, p. 5.8	Concrete roof tiles
6.35.41	Determination of moisture expansion	ČSN EN 772-19	Masonry units
6.35.42	Determination of susceptibility to efflorescence	ČSN 72 2642, p. 10	Brick products
6.35.43	Determination of the presence of lime nodules	ČSN 72 2642, p. 9	Brick products
6.35.44	Determination of moisture expansion	ČSN 72 2642, p. 8	Brick products
6.35.45	Determination of resistance to concentric load	ČSN EN 15037-2+A1, p. 5.2.1	Beam-and-block floor systems
6.35.46	Determination of weight	ČSN 72 2642, p. 6	Brick products
6.35.47	Determination of water absorption at boiling	ČSN 72 2642, p. 7	Brick products
6.35.48	Determination of water absorption and initial water absorption	ČSN EN 771-1+A1, Annex C	Masonry units

¹ Asterisk at the ordinal number identifies the tests, which the Laboratory is qualified to carry out outside the permanent Laboratory premises.

² If the document identifying the test procedure is dated, only these specific procedures are used. If the document identifying the test procedure is not dated, the latest editions of the specified procedure are used (including any changes).

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Sampling:

Ordinal number	Sampling procedure name	Sampling procedure identification ¹	Sampled object
6.V.1	Fresh concrete sampling	ČSN EN 12350-1	Fresh concrete
6.V.2	Hardened concrete sampling	ČSN EN 12504-1, p. 6	Hardened concrete
6.V.3	Aggregate sampling	ČSN EN 932-1	Aggregates

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7. Testing Laboratory in Ostrava

Tests:

Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested item
7.2	Concrete, admixtures and fibres for concrete		
7.2.1*	Determination of consistency by slump test	ČSN EN 12350-2	Fresh concrete
7.2.2*	Determination of consistency by VeBe test	ČSN EN 12350-3	Fresh concrete
7.2.3*	Determination of mass per unit volume	ČSN EN 12350-6	Fresh concrete
7.2.4*	Determination of air content - pressure methods	ČSN EN 12350-7, p. 6	Fresh concrete
7.2.5	Determination of suitability - initial assessment, humic substances	ČSN EN 1008, p. 6.1.1, 6.1.2	Mixing water for concrete
7.2.6	Determination of resistance to frost	ČSN 73 1322	Hardened concrete
7.2.7	Determination of the shape and dimensions of specimens	ČSN EN 12390-1	Hardened concrete
7.2.8	Determination of compressive strength of test specimens	ČSN EN 12390-3	Hardened concrete
7.2.9	Determination of flexural strength of test specimens	ČSN EN 12390-5	Hardened concrete
7.2.10	Determination of the indirect tensile strength of test specimens	ČSN EN 12390-6	Hardened concrete
7.2.11	Determination of density of hardened concrete	ČSN EN 12390-7	Hardened concrete
7.2.12	Determination of depth of penetration of water under pressure	ČSN EN 12390-8	Hardened concrete
7.2.13*	Determination of hardness by Schmidt rebound tester	ČSN 73 1370	Hardened concrete
7.2.14*	Determination of compressive strength by hardness testing methods (Schmidt N. L.)	ČSN 73 1373	Hardened concrete
7.2.15*	Determination of compressive strength by hardness testing methods (Schmidt N. L.)	ČSN 73 2011	Hardened concrete
7.2.16	Determination of capillary absorption	ČSN EN 480-5	Concrete and mortar additives

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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested item
7.2.17	Determination of fibre content	ČSN EN 14721+A1	Fresh and hardened concrete with metal and polymer fibres
7.2.18	Determination of general suitability of fibres for use in concrete	ČSN EN 14845-1	Concrete with metallic and polymeric fibers
7.2.19	Determination of the effect of fibres on the residual flexural strength	ČSN EN 14845-2	Concrete with metallic and polymeric fibers
7.2.20	Determination of the effect of fibres on concrete	ČSN EN 1766 ed. 2, cl. 4, 5, 6, 8	Concrete with metallic and polymeric fibers
7.2.21	Determination of flexural tensile strength - limit of proportionality, residual strength	ČSN EN 14651+A1	Metallic fibre-reinforced concrete
7.2.22	Determination of dry bulk density	ČSN EN 678	Autoclaved concrete
7.2.23	Determination of compression strength, flexural strength and concentric compressive strength	ČSN EN 679	Aerated concrete
7.2.24	Determination of flexural strength during drying	ČSN EN 1351, cl. 5 to 7	Autoclaved aerated concrete
7.2.25	Determination of moisture content	ČSN EN 1353, cl. 5 to 7	Autoclaved aerated concrete
7.2.26*	Determination of adhesion, tensile strength and impermeability	ČSN 73 6242, annex B	Bridges - surface layers
7.3	Small concrete products		
7.3.1	Determination of resistance to freezing/thawing	ČSN EN 1338, Annex D	Concrete products
7.3.2	Determination of resistance to freezing/thawing	ČSN EN 1339, Annex D	Concrete products
7.3.3	Determination of resistance to freezing/thawing	ČSN EN 1340, Annex D	Concrete products
7.3.4	Determination of abrasiveness - Böhme	ČSN EN 1340, Annex H	Concrete products
7.3.5	Determination of dimensions	ČSN EN 13748-1, p. 5.2, 5.3, 5.4	Concrete products
7.3.6	Determination of flexural strength and fracture load	ČSN EN 13748-1, p. 5.5	Concrete products



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested item
7.3.7	Determination of water absorption	ČSN EN 13748-1, p. 5.8	Concrete products
7.3.8	Determination of dimensions	ČSN EN 13748-2, p. 5.2, 5.3, 5.4	Concrete products
7.3.9	Determination of flexural strength and fracture load	ČSN EN 13748-2, p. 5.5	Concrete products
7.3.10	Determination of frost resistance (C.D.A)	ČSN EN 13748-2, p. 5.9	Concrete products
7.3.11	Determination of abrasiveness - Böhme	ČSN EN 13748-1, p. 5.6.2	Concrete products
7.3.12	Determination of abrasiveness – Böhme	ČSN EN 13748-2, p. 5.6.2	Concrete products
7.4	Concrete building components and structures		
7.4.1	Determination of shapes and dimensions, appearance	ČSN 73 0212-5	Building components
7.4.2	Determination of dimensions and surface characteristics, weight and top layer of reinforcement	ČSN EN 13369, p. 5.2, 5.3, Annex J	Concrete components
7.4.3	Determination of water absorption	ČSN EN 13369, p. 5.1.2, Annex G	Concrete components
7.4.4	Determination of dimensions, shapes, top layer of reinforcement, crack width	ČSN EN 12839 ed. 2	Elements for fences
7.4.5	Determination of dimensions, shapes, top layer of reinforcement, crack width	ČSN EN 15037-1, p. 5.2	Concrete girders for ceiling structures
7.4.6	Static loading test	ČSN EN 15037-1, p. 5.4	Concrete girders for ceiling structures
7.4.7	Determination of dimensions	ČSN EN 991	Lightweight and aerated concrete components
7.4.8	Tests of strength and load bearing capacity	ČSN EN 1916, Annexes C, D	Concrete pipes
7.4.9	Tests of strength and load bearing capacity	ČSN EN 1917, Annexes A, B, C, D, E	Concrete manholes
7.4.10	Determination of total water absorption	ČSN EN 1916, Annex F	Concrete pipes
7.4.11	Determination of total water absorption	ČSN EN 1917, Annex D	Concrete manholes
7.4.12	Determination of watertightness	ČSN EN 1916, Annex E	Concrete pipes
7.4.13	Determination of shear load capacity	ČSN EN 1168+A3, p. 6.4, 8, Annex J	Hollow core slabs

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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested item
7.4.14	Determination of dimensional characteristics	ČSN EN 1168+A3, p. 5.3	Hollow core slabs
7.4.15	Determination of load-bearing capacity and overall load-bearing capacity	ČSN EN 12839 ed. 2, Annex B	Elements for fences
7.4.16	Determination of mass of components	ČSN 73 2045	Building components
7.4.17	Determination of dimensional characteristics	ČSN EN 639	Concrete pipes
7.4.18	Determination of dimensional characteristics	ČSN EN 13693+A1, p. 5.2	Concrete components
7.4.19	Determination of dimensional characteristics	ČSN EN 13224, p. 5.3	Precast concrete elements - Ribbed floor elements
7.4.20	Hydrostatic pressure test	ČSN EN 640, p. 4.2.1	Concrete pipes
7.4.21	Determination of resistance to freezing/thawing	ČSN EN 13198, Annexes A, B	Prefabricated concrete products
7.4.22	Tightness test of joints	ČSN EN 1916, Annex A	Concrete pipes
7.4.23	Determination of watertightness	ČSN EN 1917, Annex C	Concrete manholes
7.4.24	Detection of reinforcement position	ČSN EN 13198, p. 5.6	Concrete components
7.4.25	Determination of impact strength	ČSN 73 2035	Building components
7.4.26	Load tests	ČSN EN 13693+A1, annex E	Precast concrete products
7.5	Timber, timber components, timber based and fibre-cement products		
7.5.1*	Static loading tests	ČSN 73 2030, Annex D ČSN EN 380	Timber structures
7.5.2	Determination of strength and stiffness	ČSN EN 594	Timber structures
7.5.3	Determination of strength and deformation behaviour	ČSN EN 595	Timber structures
7.5.4	Determination of impact resistance	EOTA TR 001	Timber structures
7.5.5	Determination of bending and shear stiffnesses and capacities, determination of compression	EOTA TR 002, excl. cl. 6.5	Timber structures
7.5.6	Determination of local and global bending modulus of elasticity, tensile and bending strength, incl. determination of their characteristic values	ČSN EN 408+A1, cl. 8, 9, 10, 13, 19 ČSN EN 384+A1	Structural and glued timber
7.5.7	Reserved		



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7.5.8	Soft body impact test	ČSN EN 596	Timber structures
7.5.9	Determination of strength limit	ČSN EN 14342, p. 4.5	Wood flooring
7.5.10	Determination of the bonding quality	ČSN EN 14374, annex B	Structural laminated veneer lumber
7.5.11	Reserved		
7.5.12	Determination of bending, compressive and tensile properties	ČSN EN 789, cl. 7, 8, 9	Wood based panels
7.5.13	Reserved		
7.5.14	Determination of characteristic 5-percentile values and characteristic mean values	ČSN EN 1058	Wood based panels
7.5.15	Determination of grading characters visually	ČSN 73 2824-1, p. 5	Coniferous sawn timber
7.5.16	Determination of dimensional characteristics	ČSN EN 14080, p. 5.11	Glued timber
7.5.17	Determination of shear strength - shear test of glued joints	ČSN EN 14080, annex D	Glued timber
7.5.18	Test of lamellas with or without finger joint	ČSN EN 14080, Annexes E, G	Glued timber
7.5.19	Determination of bond strength for large finger joints	ČSN EN 14080, p. 4.3	Glued timber
7.5.20	Determination of dimensions	ČSN EN 492 +A2, p. 7.2	Fibre-cement sheets and fittings
7.5.21	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 sheets and fittings
7.5.22	Determination of frost resistance, heat-rain test	ČSN EN 492+A2, p. 7.4	Fibre-cement sheets and fittings
7.5.23	Determination of dimensions	ČSN EN 494+A1, p. 7.2	Fibre-cement profiled sheets and fittings
7.5.24	Determination of density, bending changes - hot water test and absorption-drying test	ČSN EN 494+A1, p. 7.3	Fibre-cement profiled sheets and fittings
7.5.25	Determination of frost resistance, heat-rain test	ČSN EN 494+A1, p. 7.4	Fibre-cement profiled sheets and fittings
7.5.26	Determination of density	ČSN EN 12467+A2, p. 7.3.1	Fibre-cement flat sheets
7.5.27	Determination of flexural strength and modulus of elasticity	ČSN EN 12467+A2, p. 7.3.2	Fibre-cement flat sheets

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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested item
7.5.28	Determination of water impermeability	ČSN EN 12467+A2, p. 7.3.3	Fibre-cement flat sheets
7.5.29	Determination of water vapour permeability	ČSN EN 12467+A2, p. 7.3.4	Fibre-cement flat sheets
7.5.30	Determination of bend change - hot water test	ČSN EN 12467+A2, p. 7.3.5	Fibre-cement flat sheets
7.5.31	Determination of bend change - absorption-drying test	ČSN EN 12467+A2, p. 7.3.6	Fibre-cement flat sheets
7.5.32	Determination of changes of dimensions due to humidity	ČSN EN 12467+A2, p. 7.3.7	Fibre-cement flat sheets
7.5.33	Determination of frost resistance, heat-rain test	ČSN EN 12467+A2, p. 7.4	Fibre-cement flat sheets
7.5.34	Measuring bending strength	ČSN EN 1170-5	Glass-fibre reinforced cement
7.5.35	Determination of density	ČSN EN 1170-6	Glass-fibre reinforced cement
7.5.36	Test of durability by cyclic weathering	ČSN EN 1170-8	Glass-fibre reinforced cement
7.5.37	Determination of dimensions	ČSN EN 324-1	Wood based panels
7.5.38	Determination of dimensions	ČSN EN 324-2	Wood based panels
7.5.39	Determination of dimensions, including the production of specimens	ČSN EN 325	Wood based panels
7.5.40	Preparation of test specimens (dimensions)	ČSN EN 326-1, p.6	Wood based panels
7.5.41	Determination of density	ČSN EN 323	Wood based panels
7.5.42	Determination of moisture content, incl. determination of its characteristic value	ČSN EN 13183-2 ČSN EN 384+A1	Structural timber
7.5.43	Determination of modulus of elasticity in bending and of bending strength	ČSN EN 310	Wood based panels
7.5.44	Determination of swelling in thickness	ČSN EN 317	Wood based panels
7.5.45	Determination of transverse tensile strength perpendicular to the plane of the board	ČSN EN 319	Wood based panels
7.5.46	Determination of moisture resistance	ČSN EN 321	Wood based panels
7.5.47	Determination of moisture	ČSN EN 322	Wood based panels
7.5.48	Determination of frost resistance	ČSN EN 1328	Wood based panels

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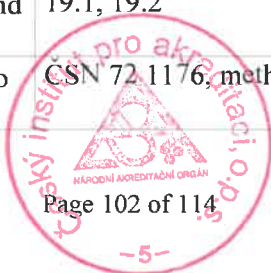
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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested item
7.9	Materials, products and waterproofing systems		
7.9.1	Determination of water vapour transmission properties	ČSN EN ISO 12572	Hygroscopic and non-hygroscopic building materials
7.12	Stone, aggregates, inactive concrete admixtures, soils		
7.12.1	Determination of resistance to freezing and thawing	ČSN EN 1367-1	Aggregates
7.12.2	Determination of various aggregate particles	ČSN 72 1180	Aggregates
7.12.3	Determination of percentage of crushed and broken surfaces in coarse aggregate particles	ČSN EN 933-5	Aggregates
7.12.4	Classification test for the constituent of coarse recycled aggregate	ČSN EN 933-11	Aggregates
7.12.5	Determination of particle size distribution - Sieving analyses	ČSN EN 933-1	Aggregates
7.12.6	Determination of particle shape – flakiness index	ČSN EN 933-3	Aggregates
7.12.7	Determination of particle shape – shape index	ČSN EN 933-4	Aggregates
7.12.8	Determination of fine particle quality - sand equivalent test	ČSN EN 933-8+A1	Aggregates
7.12.9	Determination of resistance to fragmentation	ČSN EN 1097-2, p. 1 to 5	Aggregates
7.12.10	Determination of resistance to fragmentation	ČSN EN 13450, Annex C	Aggregates
7.12.11	Determination of loose bulk density and voids	ČSN EN 1097-3, annex D	Aggregates
7.12.12	Determination of water content by drying in a ventilated oven	ČSN EN 1097-5	Aggregates
7.12.13	Determination of particle density and water absorption	ČSN EN 1097-6, Annex B	Aggregates
7.12.14	Determination of the particle density of filler - Pycnometer method	ČSN EN 1097-7	Aggregates
7.12.15	Determination of resistance by magnesium sulphate	ČSN EN 1367-2	Aggregates
7.12.16	Testing of the potential presence of humus, silicate and iron decay	ČSN EN 1744-1+A1, p. 15.1, 19.1, 19.2	Aggregates
7.12.17	Determination of resistance to freezing by freeze test	ČSN 72 1176, method B	Aggregates



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7.12.18	Determination of compressive strength	ČSN EN 13383-1, p. 5.3	Armourstone
7.12.19	Determination of compressive strength	ČSN EN 1926, p. 1 to 10	Armourstone
7.12.20	Determination of density and water absorption	ČSN EN 13383-2, p. 8.1 - 8.7.2	Armourstone
7.12.21	Determination of density and water absorption	ČSN EN 13383-1, p. 5.2, 7.3	Armourstone
7.12.22	Determination of resistance to freezing and thawing	ČSN EN 13383-2, p. 9.1 - 9.7.2	Armourstone
7.12.23	Determination of resistance to freezing and thawing	ČSN EN 13383-1, p.7.4	Armourstone
7.12.24	Determination of density and water absorption	ČSN EN 14617-1	Agglomerated stone
7.12.25	Determination of flexural strength	ČSN EN 14617-2, p. 1 - 9	Agglomerated stone
7.12.26	Determination of freeze and thaw resistance	ČSN EN 14617-5, p. 1 - 9	Agglomerated stone
7.12.27	Determination of thermal shock resistance	ČSN EN 14617-6, p. 1 - 9	Agglomerated stone
7.12.28	Determination of dimensions and rectangularity	ČSN EN 14617-16, p. 1 - 3	Agglomerated stone
7.12.29	Determination of moisture of soils	ČSN EN ISO 17892-1	Soils and backfills
7.14	Metallic materials and parts in construction		
7.14.1	Tensile testing	ČSN EN ISO 6892-1	Metal products
7.14.2	Tensile testing	ČSN EN 12797, chapt. 5	Metal products
7.14.3	Tensile testing	ČSN EN ISO 15630-1, p. 5	Metal products
7.14.4	Tensile testing	ČSN EN ISO 15630-2, p. 5	Metal products
7.14.5	Tensile testing	ČSN EN ISO 15630-3, p. 5	Metal products
7.14.6	Bend test	ČSN EN ISO 15630-1, chapt. 6	Metal products
7.14.7	Bend test	ČSN EN ISO 15630-2, chapt. 6	Metal products
7.14.8	Bend test	ČSN EN ISO 15630-3, chapt. 6	Metal products
7.14.9	Bend test	ČSN EN ISO 7438	Metal products
7.14.10	Weldability tests of steel – shear strength	ČSN EN ISO 15630-2, p.7	Metal products
7.14.11	Weldability tests of steel	ČSN EN ISO 9015-1	Metal products
7.14.12	Weldability tests of steel	ČSN EN 10080, Annex B3	Metal products

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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested item
7.14.13	Determination of shape and dimensional accuracy	ČSN EN 10080, Annex B2	Metal products
7.14.14	Determination of shape and dimensional accuracy	ČSN 42 0008	Metal products
7.14.15	Determination of shape and dimensional accuracy	ČSN EN ISO 15630-1, chapt. 10, 11, 12	Metal products
7.14.16	Determination of shape and dimensional accuracy	ČSN EN ISO 15630-3, chapt. 14, 15, 16	Metal products
7.14.17	Fatigue test at normal temperatures	ČSN EN ISO 15630-1, chapt. 8	Metal products
7.14.18	Fatigue test at normal temperatures	ČSN EN ISO 15630-2, chapt. 8	Metal products
7.14.19	Fatigue test at normal temperatures	ČSN EN ISO 15630-3, chapt. 10	Metal products
7.14.20	Fatigue test at normal temperatures	ČSN 42 0363	Metal products
7.14.21	Rebend test	ČSN EN ISO 15630-1, chapt. 7	Metal products
7.14.22	Rebend test	ČSN EN ISO 15630-3, chapt. 7	Metal products
7.14.23	Reverse bend test	ČSN ISO 7801	Metal products
7.14.24	Vickers hardness test	ČSN EN ISO 6507-1	Metal products
7.14.25*	Determination of surface protection thickness	ČSN ISO 2361	Metal products
7.14.26*	Determination of surface protection thickness	ČSN EN ISO 10111	Metal products
7.14.27*	Determination of surface protection thickness	ČSN EN ISO 3882, chapt. 4.2, 5.1.1	Metal products
7.14.28*	Determination of surface protection thickness	ČSN EN ISO 2178	Metal products
7.14.29	Test of shape and dimensional accuracy	ČSN EN 506, Annex A	Metal building elements
7.14.30	Test of shape and dimensional accuracy	ČSN EN 508-1, Annex D	Metal building elements
7.14.31	Test of shape and dimensional accuracy	ČSN EN 508-2, Annex A	Metal building elements
7.14.32	Test of shape and dimensional accuracy	ČSN EN 508-3, Annex B	Metal building elements
7.14.33	Load bearing capacity test	ČSN 74 6930, p. 5	Flat building elements
7.14.34	Load bearing capacity test	ČSN EN 12767, p. 4.3	Metal elements and building components
7.14.35	Load bearing capacity test	ČSN EN 14782	Flat building elements



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested item
7.14.36	Load bearing capacity test	ČSN EN 1993-1-3, Annex A	Metal elements and building components
7.14.37*	Load bearing capacity test	ČSN EN 40-3-2, p. 6.7	Metal elements and building components
7.14.38	Load bearing capacity test	ČSN EN 845-3+A1, p. 5.4, 5.5, 5.6	Metal elements and building components
7.14.39	Shear resistance of the connection	EAD 330046-01-0602, p. 2.2.1.1	Screws for sheeting
7.14.40	Tension resistance of the connection (pull-through and pull-out test)	EAD 330046-01-0602, p. 2.2.2.1, 2.2.2.3	Screws for sheeting
7.17	Mortars, mortar mixtures, renovation materials, screeds		
7.17.1	Frost resistance test	ČSN 72 2452	Masonry mortars
7.17.2	Determination of dry bulk density	ČSN EN 1015-10	Dry mortars
7.17.3	Test of compressive strength	ČSN EN 1015-11, p. 9	Dry hardened mortars
7.17.4	Determination of compressive strength	ČSN EN 13892-2, p. 6.2	Screeds materials
7.17.5	Test of flexural strength	ČSN EN 1015-11, p. 8	Dry hardened mortars
7.17.6	Determination of flexural strength	ČSN EN 13892-2, p. 6.1	Screeds materials
7.17.7	Determination of adhesive strength	ČSN EN 1015-12	Dry hardened mortars
7.17.8	Determination of water absorption coefficient due to capillarity action	ČSN EN 1015-18	Mortars
7.17.9	Determination of slip	ČSN EN 12004-2	Mortars and adhesives
7.17.10	Determination of open time	ČSN EN 12004-2	Mortars and adhesives
7.17.11	Determination of water vapour diffusion coefficient	ČSN 72 7030, p.17 - 24, tab.1	Mortars
7.17.12	Determination of water vapour permeability of mortars	ČSN EN 1015-19, cl. 6.1, 6.2	Rendering and plastering mortars
7.17.13	Water vapor transmission	ČSN 73 2580, p. 14 to 19	Mortars
7.17.14*	Determination of bond strength	ČSN EN 13892-8	Screeds materials
7.17.15	Determination of adhesion	ČSN EN 12004-2	Cement mortars and adhesives
7.20	Draining elements		
7.20.1	Loading test	ČSN EN 1433, p. 9.1, 9.2.1, 6.3.3	Drainage channels for vehicular and pedestrian areas

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7.20.2	Determination of dimensions and shapes	ČSN EN 1433, p. 8, 9.3	Drainage channels for vehicular and pedestrian areas
7.20.3	Determination of physical-mechanical properties	ČSN EN 1433	Gully tops and manhole tops
7.24	Construction cement, fly ash, slags, stabilization of soils, bitumens		
7.24.1	Determination of normal consistency and setting time	ČSN EN 196-3, p. 1 - 6	Cement, masonry cement
7.24.2	Determination of volume stability of cement	ČSN EN 196-3, p. 7	Cement, masonry cement
7.24.3	Determination of strength	ČSN EN 196-1	Cement, masonry cement
7.24.4	Determination of fineness of grinding – sieve method	ČSN EN 196-6, p. 3.1 - 3.5	Cement, masonry cement
7.24.5	Determination of density	ČSN 72 2113, method A ČSN EN 196-6, p. 4.5.3	Cement, masonry cement, slag
7.24.6	Determination of consistency, penetration, water retention, air content by standard mortar testing	ČSN EN 413-2	Cement, masonry cement
7.24.7	Determination of bulk density of fly ash (loose, bulk)	ČSN 72 2071, p. 11.1, 11.2	Ash, cinder, slag and other silicate matrixes
7.24.8	Determination of density of ash	ČSN 72 2113, method A ČSN EN 196-6, p. 4.5.3 ČSN EN 450-1, p. 5.3.4	Ash, cinder, slag and other silicate matrixes
7.24.9	Determination of volume stability	ČSN EN 196-3, p. 7 ČSN EN 450-1, p. 5.3.3	Ash, cinder, slag and other silicate matrixes
7.24.10	Determination of efficiency index	ČSN EN 196-1 ČSN EN 450-1, p. 3.5, 5.3.2	Ash, cinder, slag and other silicate matrixes
7.24.11	Determination of moisture of slag by gravimetry	ČSN EN 15167-1, Annex A	Ash, cinder, slag and other silicate matrixes
7.24.12	Determination of glass phase content	ČSN P CEN/TR 196-4, p. 7.2.2 to 7.2.2.3.1, p. 7.2.2.3.2 a)	Ash, cinder, slag and other silicate matrixes
7.24.13	Determination of efficiency index	ČSN EN 196-1 ČSN EN 15167-1, p. 3.1, 5.3.2.1, 5.3.2.3	Ash, cinder, slag and other silicate matrixes
7.24.14	Determination of initial setting times	ČSN EN 196-3, p. 4.1 to 6.3 ČSN EN 15167-1, p. 5.3.2.2	Ash, cinder, slag and other silicate matrixes
7.24.15	Determination of consistence	ČSN 73 6124-1, Annex B	Ash, cinder, slag and other silicate matrixes
7.24.16	Determination of fineness by permeable method	ČSN EN 196-6, p. 4	Cement, slag

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7.26	Gypsum and gypsum products, rock gypsum, anhydride, MgO based panels		
7.26.1	Determination of flexural strength	ČSN EN 13279-2, p. 4.5.4	Gypsum binders and gypsum mortars
7.26.2	Determination of compressive strength	ČSN EN 13279-2, p. 4.5.5	Gypsum binders and gypsum mortars
7.26.3	Determination of adhesion	ČSN EN 13279-2, p. 4.6	Gypsum binders and gypsum mortars
7.26.4	Determination of compressive and flexural strength	ČSN 72 2301, p. 4, 7, 8	Gypsum binders
7.26.5	Determination of start and setting time	ČSN 72 2301, p. 4, 6	Gypsum binders
7.26.6	Determination of fineness	ČSN 72 2301, p. 4, 5	Gypsum binders
7.27	Construction and sanitary ceramics		
7.27.1	Determination of dimensions and surface quality	ČSN EN ISO 10545-2 p. 2, 3, 7	Building ceramics
7.27.2	Determination of density criteria - absorption power, bulk density, porosity	ČSN EN ISO 10545-3, p. 4, 5	Building ceramics
7.27.3	Determination of flexural strength	ČSN EN ISO 10545-4, p. 6, 7	Building ceramics
7.29	Cement, adhesives, jointing materials, paints and coating, surface finishes		
7.29.1	Determination of resistance of paint coatings and varnishes to separation from substrates – cross-cut test	ČSN EN ISO 2409	Surface finishes
7.29.2	Determination of thickness	ČSN EN ISO 2808	Surface finishes
7.29.3	Determination of thickness	ČSN EN ISO 1461	Surface finishes
7.29.4	Determination of thickness	ČSN EN ISO 2360	Surface finishes
7.29.5	Determination of thickness	ČSN EN ISO 2178	Surface finishes
7.30	Thermal insulation materials and products, thermal tests		
7.30.1	Determination of tensile strength parallel to faces	ČSN EN 1608	Thermal insulation materials and products
7.30.2	Determination of length and width	ČSN EN 822	Thermal insulation materials and products
7.30.3	Determination of thickness	ČSN EN 823	Thermal insulation materials and products
7.30.4	Determination of squareness	ČSN EN 824	Thermal insulation materials and products



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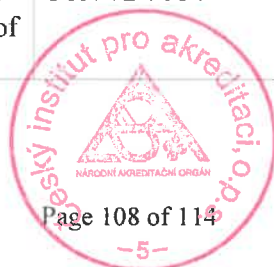
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7.30.5	Determination of flatness	ČSN EN 825	Thermal insulation materials and products
7.30.6	Pressure test	ČSN EN 826	Thermal insulation materials and products
7.30.7	Determination of tensile strength perpendicular to face	ČSN EN 1607	Thermal insulation materials and products
7.30.8	Determination of dimensional stability under specified temperature and humidity conditions	ČSN EN 1604	Thermal insulation materials and products
7.30.9	Determination of dimensional stability at constant laboratory conditions	ČSN EN 1603	Thermal insulation materials and products
7.30.10	Determination of water absorption by partial immersion	ČSN EN ISO 29767 ČSN EN 1609:2013	Thermal insulation materials and products
7.30.11	Determination of long term water absorption by immersion	ČSN EN ISO 16535	Thermal insulation materials and products
7.30.12	Determination of water vapour transmission rate	ČSN EN 12086	Thermal insulation materials and products
7.30.13	Bend test	ČSN EN 12089	Thermal insulation materials and products
7.30.14	Determination of mass per unit volume	ČSN EN 1602	Thermal insulation materials and products
7.30.15	Determination of thermal resistance by means of guarded hot plate and heat flow meter methods	ČSN EN 12667	Thermal insulation materials and products
7.30.16	Determination of steady-state thermal resistance by means of guarded hot plate	ČSN EN 12664	Thermal insulation materials and products
7.30.17	Determination of steady-state thermal resistance by means of guarded hot plate	ČSN EN 12939	Thermal insulation materials and products
7.30.18	Determination of steady-state thermal resistance by means of guarded hot plate	ČSN 72 7012-2	Thermal insulation materials and products
7.30.19	Determination of steady-state thermal resistance by means of guarded hot plate	ČSN 72 7012-3	Thermal insulation materials and products
7.30.20	Determination of steady-state thermal resistance by means of guarded hot plate	ČSN 72 7014	Thermal insulation materials and products



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7.30.21	Determination of steady-state thermal resistance by means of guarded hot plate	ČSN 72 7306	Thermal insulation materials and products
7.30.22	Determination of behaviour under point load	ČSN EN 12430	Thermal insulation materials and products
7.30.23	Determination of shear strength and shear modulus of elasticity	ČSN EN 12090	Thermal insulation materials and products
7.30.24	Determination of steady-state thermal resistance by means of guarded hot plate	ČSN EN 13162 +A1, p. 5.3. 2	Thermal insulation materials and products
7.30.25	Determination of steady-state thermal resistance by means of guarded hot plate	ČSN EN 13163 +A2, p. 5.3.2	Thermal insulation materials and products
7.30.26	Determination of steady-state thermal resistance by means of guarded hot plate	ČSN EN 13164 +A1, p. 5.3.2	Thermal insulation materials and products
7.30.27	Determination of steady-state thermal resistance by means of guarded hot plate	ČSN EN 13165 +A2, p. 5.3.2	Thermal insulation materials and products
7.30.28	Determination of steady-state thermal resistance by means of guarded hot plate	ČSN EN 13166 +A2, p. 5.3.2	Thermal insulation materials and products
7.30.29	Determination of steady-state thermal resistance by means of guarded hot plate	ČSN EN 13167 +A1, p. 5.3.2	Thermal insulation materials and products
7.30.30	Determination of steady-state thermal resistance by means of guarded hot plate	ČSN EN 13168 +A1, p. 5.3.2	Thermal insulation materials and products
7.30.31	Determination of steady-state thermal resistance by means of guarded hot plate	ČSN EN 13169 +A1, p. 5.3.2	Thermal insulation materials and products
7.30.32	Determination of steady-state thermal resistance by means of guarded hot plate	ČSN EN 13170 +A1, p. 5.3.2	Thermal insulation materials and products
7.30.33	Determination of steady-state thermal resistance by means of guarded hot plate	ČSN EN 13171 +A1, p. 5.3.2	Thermal insulation materials and products
7.30.34	Determination of steady-state thermal resistance by means of guarded hot plate	ČSN EN 1946-2, p. 5.3.2	Thermal insulation materials and products
7.30.35	Determination of dimensions, squareness and flatness	ČSN EN 12085	Thermal insulation materials and products



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7.30.36	Determination of dimensions, squareness and flatness	ČSN EN 13162 +A1, p. 5.3	Thermal insulation materials and products
7.30.37	Determination of dimensions, squareness and flatness	ČSN EN 13163 +A2, p. 5.3	Thermal insulation materials and products
7.30.38	Determination of dimensions, squareness and flatness	ČSN EN 13164 +A1, p. 5.3	Thermal insulation materials and products
7.30.39	Determination of dimensions, squareness and flatness	ČSN EN 13165 +A2, p. 5.3	Thermal insulation materials and products
7.30.40	Determination of dimensions, squareness and flatness	ČSN EN 13166 +A2, p. 5.3	Thermal insulation materials and products
7.30.41	Determination of dimensions, squareness and flatness	ČSN EN 13167 +A1, p. 5.3	Thermal insulation materials and products
7.30.42	Determination of dimensions, squareness and flatness	ČSN EN 13168 +A1, p. 5.3	Thermal insulation materials and products
7.30.43	Determination of dimensions, squareness and flatness	ČSN EN 13169 +A1, p. 5.3	Thermal insulation materials and products
7.30.44	Determination of dimensions, squareness and flatness	ČSN EN 13170 +A1, p. 5.3	Thermal insulation materials and products
7.30.45	Determination of dimensions, squareness and flatness	ČSN EN 13171 +A1, p. 5.3	Thermal insulation materials and products
7.30.46	Determination of dimensions, squareness and flatness	ČSN 72 7302	Thermal insulation materials and products
7.30.47	Determination of dimensions, squareness and flatness	ČSN EN 13467	Thermal insulation materials and products
7.30.48	Determination of water absorption	ČSN 64 5421	Thermal insulation materials and products
7.30.49	Determination of bulk density, strength, compressibility, humidity and absorption power	ČSN 72 7302	Thermal insulation materials and products
7.30.50	Determination of pressure forming	ČSN EN 1606	Thermal insulation materials and products
7.30.51	Determination of deformation under specified compressive load and temperature conditions	ČSN EN 1605	Thermal insulation materials and products
7.30.52	Determination of long term water absorption by diffusion	ČSN EN ISO 16536	Thermal insulation materials and products
7.30.53	Determination of thickness	ČSN EN 12431	Thermal insulation materials and products for floating floors
7.30.54	Determination of bulk density, strength, compressibility, humidity and absorption power	ČSN EN 13162 +A1, p. 5.3	Thermal insulation materials and products

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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested item
7.30.55	Determination of bulk density, strength, compressibility, humidity and absorption power	ČSN EN 13163 +A2, p. 5.3	Thermal insulation materials and products
7.30.56	Determination of bulk density, strength, compressibility, humidity and absorption power	ČSN EN 13164 +A1, p. 5.3	Thermal insulation materials and products
7.30.57	Determination of bulk density, strength, compressibility, humidity and absorption power	ČSN EN 13165 +A2, p. 5.3	Thermal insulation materials and products
7.30.58	Determination of bulk density, strength, compressibility, humidity and absorption power	ČSN EN 13166 +A2, p. 5.3	Thermal insulation materials and products
7.30.59	Determination of bulk density, strength, compressibility, humidity and absorption power	ČSN EN 13167 +A1, p. 5.3	Thermal insulation materials and products
7.30.60	Determination of bulk density, strength, compressibility, humidity and absorption power	ČSN EN 13168 +A1, p. 5.3	Thermal insulation materials and products
7.30.61	Determination of bulk density, strength, compressibility, humidity and absorption power	ČSN EN 13169 +A1, p. 5.3	Thermal insulation materials and products
7.30.62	Determination of bulk density, strength, compressibility, humidity and absorption power	ČSN EN 13170 +A1, p. 5.3	Thermal insulation materials and products
7.30.63	Determination of bulk density, strength, compressibility, humidity and absorption power	ČSN EN 13171 +A1, p. 5.3	Thermal insulation materials and products
7.30.64	Determination of bulk density, strength, compressibility, humidity and absorption power	ČSN EN 13470	Thermal insulation materials and products
7.30.65	Determination of thermal conductivity coefficient	ČSN 72 7302	Thermal insulation materials and products
7.30.66	Determination of bulk density, strength, compressibility, humidity and absorption power	ČSN EN ISO 845	Thermal insulation materials and products
7.30.67	Determination of bulk density, strength, compressibility, humidity and absorption power	ČSN EN 14303, p. 5.3	Thermal insulation materials and products
7.30.68	Determination of thermal resistance - conductivity of materials and products in steady state	ČSN 72 7302	Construction materials and products



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Nemanická 441, 370 10 České Budějovice

Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested item
7.30.69	Determination of load resistance	ČSN EN 13168+A1, Annexes D.2, D.3	Wood wool panels
7.33	Loading tests of bridges, building structure and floors		
7.33.1*	Load tests	STN 73 6209	Bridges
7.33.2*	Static loading tests	ČSN 73 2030, Annexes A, B, C	Building structures and their parts
7.34	Masonry, hardware, partition walls, ceilings, floors		
7.34.1	Determination of mass	ČSN EN 845-2, p. 5.2.2, 5.3	Lintels
7.34.2	Determination of flexural resistance and shear resistance	ČSN EN 846-9 ed. 2	Ancillary components for masonry, lintels
7.34.3	Load tests	ČSN 73 2054	Autoclaved aerated concrete units
7.34.4	Load tests	ČSN 73 2034	Autoclaved aerated concrete units
7.35	Masonry units, permanent formwork, ceilings elements, burnt and concrete roofing		
7.35.1	Determination of compressive strength and flexural strength	ČSN 72 2605, cl. 21 to 28	Masonry materials, burnt roofing
7.35.2	Determination of resistance to frost	ČSN 72 2601	Brick products
7.35.3	Determination of compressive strength	ČSN EN 772-1+A1, p. 7-10	Masonry units
7.35.4	Determination of percentage area of voids (by paper indentation)	ČSN EN 772-2, cl. 7 to 8	Concrete masonry units
7.35.5	Determination of flexural strength	ČSN EN 772-6, cl. 6 to 7	Concrete masonry units
7.35.6	Determination of water absorption by boiling	ČSN EN 772-7, cl. 5 to 9	Burnt masonry units for damp proof course units
7.35.7	Determination of moisture content	ČSN EN 772-10, cl. 6 and 7	Calcium silicate masonry units, aerated concrete units
7.35.8	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 of manufactured and natural stone
7.35.9	Determination of density	ČSN EN 772-13	Masonry units
7.35.10	Determination of moisture movement	ČSN EN 772-14	Masonry units
7.35.11	Determination of dimensions	ČSN EN 772-16, p. 6-8	Masonry units
7.35.12	Determination of flatness of faces	ČSN EN 772-20, p.5	Masonry units

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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested item
7.35.13	Determination of shrinkage	ČSN EN 680	Aerated concrete
7.35.14	Identification of appearance and dimensions	ČSN 72 2602	Brick products
7.35.15	Determination of water absorption	ČSN EN 771-1+A1, Annex C	Masonry units

¹ Asterisk at the ordinal number identifies the tests, which the Laboratory is qualified to carry out outside the permanent Laboratory premises.

² If the document identifying the test procedure is dated, only these specific procedures are used. If the document identifying the test procedure is not dated, the latest editions of the specified procedure are used (including any changes).

Sampling:

Ordinal number	Sampling procedure name	Sampling procedure identification ¹	Sampled object
7.V.1	Aggregates sampling	ČSN EN 932-1	Aggregates
7.V.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

¹ 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 edition of the specified procedure is used (including any changes).



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Explanatory notes:

ASTM	- American Standard Test Method
CEN	- Comité Européen de Normalisation (European Committee for Standardization)
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
EOTA TR	- Technical Report of European Organization for Technical Assessment
ETAG	- Guideline for European Technical Approval
FAAS	- Flame Atomic Absorption Spectrometry
GOST	- Soviet Union / Russian Federation state standard
C.D.A.	- Chemical De-icing Agents
IP	- Internal Procedure
ISO	- International Standard
OTP ČD	- General Technical Specifications of Czech Railways
pH	- Degree of Acidity
TS	- Technical Specification
WTA	- Wissenschaftliche technische Arbeitsgemeinschaft für Bauwesenverhalten und Denkmalpflege (International Association for Science and Technology of Building Maintenance and Monuments Preservation)

