



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

issues

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

CERTIFICATE OF ACCREDITATION

No. 390/2025

PAVUS, a.s.
with registered office Prosecká 412/74, 190 00 Praha 9 - Prosek
Company Registration No. 60193174

for the Testing Laboratory No. 1026
Fire Testing Laboratory Veselí nad Lužnicí

Scope of accreditation:

Fire resistance tests; tests of fire protection technical aids and fire extinguishing agents; tests of the reaction of construction products to fire; tests of fire technical and mechanical characteristics of building structures and products; tests of fire safety devices; tests of fire technical characteristics of substances, agents, materials and products and assessment of the properties of building products to the extent as specified in the appendix to this Certificate.

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

ČSN EN ISO/IEC 17025:2018

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

This Certificate of Accreditation replaces, to the full extent, Certificate No.: 324/2024 of 08/07/2024, and/or any administrative acts building upon it.

The Certificate of Accreditation is valid until: 25/07/2030

Prague: 25/07/2025



Signed in the Czech original:
Jan Velíšek on 25/07/2025

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

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

**The Appendix is an integral part of
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CAB number 1026, Fire Testing Laboratory Veselí nad Lužnicí
Čtvrť J. Hybeše 879, 391 81 Veselí nad Lužnicí

Testing laboratory locations:

1. **Location Veselí nad Lužnicí** Čtvrť J. Hybeše 879, 391 81 Veselí nad Lužnicí
2. **Location Brno** Centrum AdMaS, FAST VUT, Purkyňova 651/139, 612 00 Brno

The laboratory applies a flexible approach to the scope of accreditation.

The current list of activities carried out within the flexible scope is available on the laboratory's website www.pavus.cz/sluzby/pozarni-zkusebnictvi or it is possible to obtain it upon request in electronic form of the „List of activities within the flexible scope of accreditation“.

The laboratory provides opinions and interpretations of the test results.

1. Location Veselí nad Lužnicí

Tests:

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Tested subject	Degrees of freedom ³
1	Reaction to fire for buildings products			
1.1	Determining the reaction to fire - exposure to the thermal attack by a single burning item	ČSN EN 13823+A1; EN 13823+A1	Building products (except floorings)	-
1.2	Determination of non-combustibility	ČSN EN ISO 1182; EN ISO 1182	Building products	-
1.3	Determination of ignitability of products subjected to direct impingement of flame, single-flame source test	ČSN EN ISO 11925-2; EN ISO 11925-2	Building products	-
1.4	Determination of the gross heat of combustion	ČSN EN ISO 1716; EN ISO 1716	Products	-
1.5	Determination of the burning behaviour using a radiant heat source	ČSN EN ISO 9239-1; EN ISO 9239-1	Floorings	-
1.6	Determination of propensity to undergo continuous smouldering	ČSN EN 16733; EN 16733	Building products	-
2	Fire tests of structures and products			
2.1	Determining the resistance to fire	ČSN EN 1047-1; EN 1047-1	Data cabinets	-
2.2	Determination of fire spread	ČSN P CEN/TS 1187, cl. 4	Roofs	-
2.3	Determination of fire spread	ČSN P CEN/TS 1187, cl. 6	Roofs	-
2.4	Determining the contribution to the fire resistance - by test - by calculation	ČSN EN 13381-1, cl. 1 to 12; EN 13381-1, cl. 1 to 12; ČSN EN 13381-1, cl. 13 to 15; EN 13381-1, cl. 13 to 15	Horizontal protective membranes	-

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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Tested subject	Degrees of freedom ³
2.5	Determining the contribution to the fire resistance of structural members - by test - by calculation	ČSN EN 13381-2, cl. 1 to 12; EN 13381-2, cl. 1 to 12; ČSN EN 13381-2, cl. 13 to 15; EN 13381-2, cl. 13 to 15	Vertical protective membranes	-
2.6	Determining the contribution to the fire resistance - by test - by calculation	ČSN EN 13381-3, cl. 1 to 12; EN 13381-3, cl. 1 to 12; ČSN EN 13381-3, cl. 13 to 15; EN 13381-3, cl. 13 to 15	Applied protection to concrete members	-
2.7	Determining the contribution to the fire resistance - by test - by calculation	ČSN EN 13381-4, cl. 1 to 12; EN 13381-4, cl. 1 to 12; ČSN EN 13381-4, cl. 13 to 15; EN 13381-4, cl. 13 to 15	Applied passive protection to steel members	-
2.8	Determining the contribution to the fire resistance - by test - by calculation	ČSN EN 13381-5, cl. 1 to 12; EN 13381-5, cl. 1 to 12; ČSN EN 13381-5, cl. 13 to 15; EN 13381-5, cl. 13 to 15	Applied protection to concrete/profiled sheet steel composite members	-
2.9	Determining the contribution to the fire resistance - by test - by calculation	ČSN EN 13381-6, cl 1 to 12; EN 13381-6, cl 1 to 12; ČSN EN 13381-6, cl 13 to 15; EN 13381-6, cl 13 to 15	Applied protection to concrete filled hollow steel columns	-
2.10	Determining the contribution to the fire resistance - by test - by calculation	ČSN EN 13381-7, cl 1 to 12; EN 13381-7, cl 1 to 12; ČSN EN 13381-7, cl 13 to 15; EN 13381-7, cl 13 to 15	Applied protection to timber members	-
2.11	Determining the contribution to the fire resistance - by test - by calculation	ČSN EN 13381-8, cl. 1 to 12; EN 13381-8, cl. 1 to 12; ČSN EN 13381-8, cl. 13 to 15; EN 13381-8, cl. 13 to 15	Applied reactive protection to steel members	-

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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Tested subject	Degrees of freedom ³
2.12	Determining the contribution to the fire resistance - by test - by calculation	ČSN EN 13381-9, cl. 1 to 9; EN 13381-9, cl. 1 to 9 ČSN EN 13381-9, cl. 10 to 12; EN 13381-9, cl. 10 to 12	Applied fire protection systems to steel beams with web openings	-
2.13	Determining the contribution to the fire resistance - by test - by calculation	ČSN EN 13381-10, cl. 1 to 10; EN 13381-10, cl. 1 to 10; ČSN EN 13381-10, cl. 11 to 13; EN 13381-10, cl. 11 to 13	Applied protection to solid steel bars in tension	-
2.14	Fire resistance tests	ČSN EN 1363-1; EN 1363-1	Building structures	-
2.15	Fire resistance tests	ČSN EN 1363-2; EN 1363-2	Building structures	-
2.16	Fire resistance tests	ČSN EN 1364-1; EN 1364-1	Non-loadbearing walls	-
2.17	Verification of fire characteristics by full scale test	ZP-30/2012 (ČSN EN 1364-1)	External non-loadbearing walls from metal multilayer structures	-
2.18	Fire resistance tests	ČSN EN 1364-2; EN 1364-2	Ceilings	-
2.19	Fire resistance tests	ČSN EN 1364-3; EN 1364-3	Curtain walling – full configuration	-
2.20	Fire resistance tests	ČSN EN 1364-4; EN 1364-4	Curtain walling - part configuration	-
2.21	Fire resistance tests	ČSN EN 1364-5; EN 1364-5	Air transfer grilles	-
2.22	Fire resistance tests	ČSN EN 1364-6; EN 1364-6	Open-state cavity barriers	-
2.23	Fire resistance tests	ČSN EN 1365-1; EN 1365-1	Loadbearing walls	-
2.24	Fire resistance tests	ČSN EN 1365-2; EN 1365-2	Floors and roofs	-
2.25	Fire resistance tests	ČSN EN 1365-3; EN 1365-3	Beams	-
2.26	Fire resistance tests	ČSN EN 1365-4; EN 1365-4	Columns	-
2.27	Fire resistance tests	ČSN EN 1365-5; EN 1365-5	Balconies and walkways	-

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2.28	Fire resistance tests	ČSN EN 1365-6; EN 1365-6	Stairs	-
2.29	Fire resistance tests	ČSN EN 1366-1+A1; EN 1366-1+A1	Ducts	-
2.30	Fire resistance tests	ČSN EN 1366-2; EN 1366-2	Fire dampers	-
2.31	Fire resistance tests	ČSN EN 1366-3+A1; EN 1366-3+A1	Penetration seals	-
2.32	Fire resistance tests	ČSN EN 1366-4; EN 1366-4	Linear joint seals	-
2.33	Fire resistance tests	ČSN EN 1366-5; EN 1366-5	Installation ducts and shafts	-
2.34	Fire resistance tests	ČSN EN 1366-6; EN 1366-6	Raised access and hollow core floors	-
2.35	Fire resistance tests	ČSN EN 1366-7; EN 1366-7	Conveyors systems and their closures	-
2.36	Fire resistance tests	ČSN EN 1366-8; EN 1366-8	Multi compartment smoke extraction ducts	-
2.37	Fire resistance tests	ČSN EN 1366-9; EN 1366-9	Single compartment smoke extraction ducts	-
2.38	Fire resistance tests	ČSN EN 1366-10+A1; EN 1366-10+A1	Smoke control dampers	-
2.39	Fire resistance tests	ČSN EN 1366-11+A1; EN 1366-11+A1	Fire protective systems for cable systems and associated components	-
2.40	Fire resistance tests	ČSN EN 1366-12+A1; EN 1366-12+A1	Non-mechanical fire dampers	-
2.41	Fire resistance tests	ČSN EN 1366-13; EN 1366-13	Chimneys and flues	-
2.42	Class of fire resistance determination	DIN 18160-60, cl. 5; DIN 18160-60, cl. 6; DIN 18160-60, cl. 7; ÖNORM B 8203, cl. 5	Chimneys and flues	-
2.43	Determination of fire protection ability	ČSN EN 14135; EN 14135	Coverings	-
2.44	Determination of resistance to fire	ČSN EN 14470-1, except annex C; EN 14470-1, except annex C	Safety storage cabinet for flammable liquids	-
2.45	Cycling test	ČSN EN 15650, annex C; EN 15650, annex C	Fire dampers	-
2.46	Determination of fire resistance	ČSN EN 15659; EN 15659	Light fire storage units	-

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2.47	Fire resistance tests	ČSN EN 1634-1+A1; EN 1634-1+A1	ČSN EN 1634-1+A1; EN 1634-1+A1	-
2.48	Fire resistance tests	ČSN EN 1634-2; EN 1634-2	Elements of building hardware	-
2.49	Smoke control testing	ČSN EN 1634-3; EN 1634-3	Smoke control doors and shutters	-
2.50	Leakage tests	ČSN EN 1751, cl. 5; EN 1751, cl. 5	Dampers and valves	-
2.51	Flow rate and pressure tests	ČSN EN 1751, cl. 6; EN 1751, cl. 6	Dampers and valves	-
2.52	Leakage tests	ČSN EN 1775 ed. 2, cl. A.3; EN 1775, cl. A.3	Gas ducts in buildings – operating pressure ≤ 5 bar	-
2.53	Determination of scrub fire resistance	ČSN EN 16727-3, Annex A; EN 16727-3, Annex A; ČSN EN 1794-2, Annex A; EN 1794-2, Annex A; ČSN EN 1794-3, cl. 5.1; EN 1794-3, cl. 5.1	Noise reducing devices	-
2.54	Test of operation under fire conditions	ČSN EN 50577; EN 50577; ČSN 73 0895; DIN 4102-12; STN 92 0205	Cables and cable loadbearing structures – systems	-
2.55	Test of circuit integrity maintenance	STN 92 0206	Low voltage switchboards	-
2.56	Fire resistance test	ČSN EN 81-58 ed. 2; EN 81-58	Landing doors	-
2.57	Test of operation under thermal stress	ISO 21925-1, Annex C	Thermal release mechanisms of fire dampers	-
2.58	Evaluation of materials drainage	ČSN 73 0865	Soffits	-
2.59	Fire resistance tests	ÖNORM H 6025	Fire dampers	-
3	Chimneys, air conditioning, ventilation			
3.1	Temperature/time resistance tests	ČSN EN 12101-1, Annex D; EN 12101-1, Annex D	Smoke barriers	-
3.2	Operational reliability and response time test	ČSN EN 12101-2 ed. 2, Annex C; EN 12101-2, Annex C	Natural smoke and heat exhaust ventilators	-
3.3	Load opening test	ČSN EN 12101-2 ed. 2, Annex D; EN 12101-2, Annex D	Natural smoke and heat exhaust ventilators	-

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3.4	Test of operation at low ambient temperature	ČSN EN 12101-2 ed. 2, Annex E; EN 12101-2, Annex E	Natural smoke and heat exhaust ventilators	-
3.5	Test of wind load stability	ČSN EN 12101-2 ed. 2, Annex F; EN 12101-2, Annex F	Natural smoke and heat exhaust ventilators	-
3.6	Heat resistance test	ČSN EN 12101-2 ed. 2, Annex G; EN 12101-2, Annex G	Natural smoke and heat exhaust ventilators	-
3.7	Fire resistance test	ČSN EN 12101-3 ed. 2, Annex C; EN 12101-3, Annex C	Ventilators	-
3.8	Assessing the response delay and ability to open under environmental conditions	ČSN EN 12101-3 ed. 2, Annex E; EN 12101-3, Annex E	Ventilators	-
3.9	Heat stress and heat shock test	ČSN EN 12446 ed. 2, Annex A; EN 12446, Annex A	Concrete outer wall elements of chimneys	-
3.10	Heat load test	ČSN EN 13063-1+A1, cl. 5.2.1.2; EN 13063-1+A1, cl. 5.2.1.2; ČSN EN 13063-2+A1, cl. 5.2.1; EN 13063-2+A1, cl. 5.2.1; ČSN EN 13216-1 ed. 2, cl. 5.7.3.2; EN 13216-1, cl. 5.7.3.2	System chimneys with clay/ceramic flue liners	-
3.11	Heat load test	ČSN EN 13216-1 ed. 2, cl. 5.7.3.2; EN 13216-1, cl. 5.7.3.2	System chimneys	-
3.12	Heat load test	ČSN EN 1859+A1, cl. 4.5.3.1; EN 1859+A1, cl. 4.5.3.1	Metal chimneys	-
3.13	Thermal impact test	ČSN EN 13063-1+A1, cl. 5.2.1.3; EN 13063-1+A1, cl. 5.2.1.3; ČSN EN 13216-1 ed. 2, cl. 5.7.3.3; EN 13216-1, cl. 5.7.3.3	System chimneys with clay/ceramic flue liners	-
3.14	Thermal impact test	ČSN EN 13216-1 ed. 2, cl. 5.7.3.3; EN 13216-1, cl. 5.7.3.3	System chimneys	-
3.15	Thermal impact test	ČSN EN 1859+A1, cl. 4.5.3.2; EN 1859+A1, cl. 4.5.3.2	Metal chimneys	-

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3.16	Test of relative movement	ČSN EN 13063-1+A1, cl. 5.2.2; EN 13063-1+A1, cl. 5.2.2; ČSN EN 13063-2+A1, cl. 5.2.3; EN 13063-2+A1, cl. 5.2.3; ČSN EN 13216-1 ed. 2, cl. 5.3; EN 13216-1, cl. 5.3	System chimneys with clay/ceramic flue liners	-
3.17	Test of relative movement	ČSN EN 13216-1 ed. 2, cl. 5.3; EN 13216-1, cl. 5.3	System chimneys	-
3.18	Gas tightness test	ČSN EN 13063-1+A1, cl. 5.3.1; EN 13063-1+A1, cl. 5.3.1; ČSN EN 13063-2+A1, cl. 5.3.1; EN 13063-2+A1, cl. 5.3.1; ČSN EN 13216-1 ed. 2, cl. 5.4; EN 13216-1, cl. 5.4	System chimneys with clay/ceramic flue liners	-
3.19	Gas tightness test	ČSN EN 13216-1 ed. 2, cl. 5.4; EN 13216-1, cl. 5.4	System chimneys with clay/ceramic flue liners	-
3.20	Gas tightness test	ČSN EN 1859+A1, cl. 4.4; EN 1859+A1, cl. 4.4	Metal chimneys	-
3.21	Condensate resistance test (vapour phase)	ČSN EN 13216-1 ed. 2, cl. 5.6; EN 13216-1, cl. 5.6	System chimneys	-
4	Mechanical tests of structures			
4.1	Determination of resistance to repeated opening and closing	ČSN EN 1191; EN 1191	Windows and doors	-
4.2	Determination of the resistance to vertical load	ČSN EN 947; EN 947	Hinged or pivoted doors	-
4.3	Determination of the resistance to static torsion	ČSN EN 948; EN 948	Hinged or pivoted doors	-
4.4	Determination of the resistance to soft and heavy body impact	ČSN EN 949; EN 949	Windows, doors, curtain walling, blinds and shutters	-
4.5	Determination of resistance to heavy body impact	ČSN EN 950; EN 950	Door leaves	-
5	Firefighting equipment and systems			
5.1	Hydrostatic pressure test for leakage and strength	ČSN EN 1074-1, Annex A, B, D	Valves for water supply	A, D

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5.2	Hydrostatic pressure test for leakage and strength	ZP-18/2002 (ČSN EN 12259-1:2000); ZP-19/2002 (ČSN EN 12259-1:2000); ČSN EN 12094-4, cl. 5.5, 5.6, 5.7; ČSN EN 12094-5, cl. 5.5.1, 5.6; ČSN EN 12094-8, cl. 5.4, 5.5; ČSN EN 12094-13, cl. 5.4, 5.5, 5.6; ČSN EN 12416-1, Annex B, L; ČSN EN 13565-1, Annex A; ČSN EN 17450-1, cl.5.2.4, 5.2.6; ČSN EN 17450-3, cl. 5.3, 5.4, 5.5; VdS 2100-6, cl. 6.4.1, 6.4.4; VdS 2100-9, cl. 5.4; VdS 2100-20, cl. 6.4.2, 6.4.3	Components for firefighting systems	A, D
5.3	Hydrostatic pressure test for leakages and strength	ČSN EN 15767-1, cl.6.3; ČSN EN 15182-2, cl. 4.4, 4.5; ČSN EN 671-1 ed. 2, Annex F.7, F.8; ČSN EN 671-2 ed. 2, Annex E.5	Fire fittings	A, D
5.4	Hydrostatic pressure test for leakages and strength	ČSN EN ISO 1402, cl. 8; ČSN EN 15889, Annex C, L; ČSN EN 1947, Annex A; ČSN 80 8715, cl. 3.2, 3.3; ČSN EN 1866-2, Annex E; ČSN EN 1866-3, Annex C	Fire hoses and hoses	A, D
5.5	Hydrostatic pressure test for leakages and strength	ČSN EN 12259-1+A1, Annex H, F.1; ČSN EN 17450-2, cl. 5.6.2, 5.8	Sprinklers and water mist nozzles	A, D
5.6	Hydrostatic pressure test for leakages and strength	ČSN EN 12259-12, cl. 4.4, 4.5	Pumps	A, D
5.7	Water flow test	ČSN EN 12259-1+A1, Annex C; ČSN EN 17450-2, Annex A, C.2, cl. 5.4, 5.6.3	Sprinklers and water mist nozzles	A, D
5.8	Water flow test	ČSN EN 671-1 ed. 2, Annex E.4.1	Fixed fire-fighting hose systems	A, D
5.9	Water flow test	ZP-20/2002 (ČSN EN 671-1:2002); ČSN EN 13565-1, Annex E, J; ČSN EN 17450-1, cl. 5.2.1; VdS 2100-9, cl. 5.7	Components for firefighting systems	A, D
5.10	Water flow test	ČSN EN 12259-12, cl. 4.2	Pumps	A, D

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5.11	Water flow test	ČSN EN 15182-2, cl. 4.3; ČSN EN 15182-3, cl. 5.3	Fire-fighting branchpipes and fittings	A, D
5.12	Measurement of pressure losses	ČSN EN 15889, Annex I	Fire- hoses	A, D
5.13	Measurement of pressure losses	ČSN EN 12094-5, cl. 5.9; ČSN EN 17450-1, cl. 5.2.3; VdS 2100-9, cl. 5.6	Components for firefighting systems	A, D
5.14	Bending resistance test	ČSN EN 1074-1, Annex C; ČSN EN 1074-6, Annex A; VdS 2100-6, cl. 6.4.2	Valves and fittings for water supply	A, D
5.15	Test of operating forces and torques	ČSN EN 671-1 ed. 2, Annex E.2; ČSN EN 671-2 ed. 2, Annex E.2; ČSN EN 15767-1, cl. 5.1.3.3	Fire- branchpipes	A, D
5.16	Test of operating forces and torques	ČSN EN 1074-2, Annex A; ČSN EN 1074-2, Annex B	Valves and fittings for water supply	A, D
5.17	Test of operating forces and torques	ČSN EN 12094-5, cl. 5.13; ČSN EN 12416-1, Annex C	Components for firefighting systems	A, D
5.18	Test of function	ČSN EN 1074-2, Annex C; ČSN EN 1074-6, Annex C	Valves and fittings for water supply	A, D
5.19	Test of function	ČSN EN 12094-4, cl. 5.4; ČSN EN 12094-5, cl. 5.4, 5.5; ČSN EN 17450-3, cl. 5.7; ČSN EN 15276-1, cl. 7.14	Components for firefighting systems	A, D
5.20	Test of function	ČSN EN 12259-1+A1, Annex E; ČSN EN 17450-2, cl. 5.5	Sprinklers and water mist nozzles	A, D
5.21	Test of function at low and/or high temperature	ČSN EN 12094-4, cl. 5.9; ČSN EN 15276-1, cl. 7.6.3; ČSN EN 12416-1, Annex F, G; ČSN EN 12094-8, cl. 5.8; ČSN EN 12094-13, cl. 5.9; VdS 2100-6, cl. 6.4.7, 6.4.8; VdS 2100-20, cl. 6.4.5, 6.4.6	Components for firefighting systems	A, D
5.22	Test of function at low and/or high temperature	ČSN EN 12259-1+A1, Annex O; ČSN EN 17450-2, cl. 5.9, 5.10, 5.15	Sprinklers and water mist nozzles	A, D
5.23	Operational reliability test	ČSN EN 1074-2, Annex D; ČSN EN 1074-6, Annex D	Valves and fittings for water supply	A, D
5.24	Operational reliability test	ČSN EN 12094-4, cl. 5.8	Components for firefighting systems	A, D

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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Tested subject	Degrees of freedom ³
5.25	Corrosion resistance tests	ČSN EN 12094-4, cl. 5.12; ČSN EN 12094-5, cl. 5.11; ČSN EN 12094-7, cl. 5.10; ČSN EN 12094-13, cl. 5.10, 5.11; ČSN EN 15276-1, cl. 7.9; ČSN EN 12416-1, Annex K	Components for firefighting systems	A, D
5.26	Corrosion resistance tests	ČSN EN 12259-1+A1, Annex K, zk. K.1, K.2; ČSN EN 17450-2, Annex C.1	Sprinklers and water mist nozzles	A, D
5.27	Pressure and heat resistance test	ČSN EN 12094-7, cl. 5.6; ČSN EN 12094-8, cl. 5.6	Nozzles and connectors	A, D
5.28	Test for resistance to heat and cold shock	ČSN EN 12094-7, cl. 5.7; ČSN EN 12094-8, cl. 5.7	Nozzles and connectors	A, D
5.29	Determination of operating temperatures	ČSN EN 12259-1+A1, Annex B; ČSN EN 17450-2, Annex F	Sprinklers and water mist nozzles	A, D
5.30	Water distribution test	ČSN EN 12259-1+A1, Annex D; ČSN EN 17450-2, Annex B	Sprinklers and water mist nozzles	A, D
5.31	Thermal responsetest	ČSN EN 12259-1+A1, cl. 4.15, Annex N; ČSN EN 17450-2, cl. 5.3, Annex D	Sprinklers and water mist nozzles	A, D
5.32	Thermal shock test	ČSN EN 12259-1+A1, Annex J; ČSN EN 17450-2, cl. 5.10	Sprinklers and water mist nozzles	A, D
5.33	Water hammer test	ČSN EN 12259-1+A1, Annex M; ČSN EN 17450-2, cl. 5.13	Sprinklers and water mist nozzles	A, D
5.34	Water hammer test	VdS 2100-6, cl. 6.4.3; VdS 2100-20, cl. 6.4.4	Components for firefighting systems	A, D
5.35	Impact resistance tests	ČSN EN 12259-1+A1, Annex Q; ČSN EN 17450-2, cl. 5.17	Sprinklers and water mist nozzles	A, D
5.36	Impact resistance tests	ČSN EN 671-1 ed. 2, Annex E.1; ČSN EN 671-2 ed. 2, Annex E.1	Hose and hydrant systems	A, D
5.37	Test of resistance to heat and flame	ČSN EN 15276-1, cl. 15; ČSN EN 13565-1, Annex D; VdS 2100-6, cl. 6.4.6	Components for firefighting systems	A, D
5.38	Determination of expansion and drainage time	ČSN EN 1568-1 ed. 2, Annex G; ČSN EN 1568-2 ed. 2, Annex G; ČSN EN 1568-3 ed. 2, Annex G; ČSN EN 1568-4 ed. 2, Annex G	Foam concentrates	A, D
5.39	Determination of expansion and drainage time time	ČSN EN 13565-1, Annex F, G	Components for firefighting systems	A, D

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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Tested subject	Degrees of freedom ³
5.40	Area coverage test	ČSN EN 13565-1, Annex I	Foam sprayers and nozzle	A, D
5.41	Throw range test	ZP-21/2002 (ČSN EN 671-2:2002); ČSN EN 13565-1, Annex H; ČSN EN 671-1 ed. 2, Annex E.4.2; ČSN EN 15182-2, cl. 4.3.3	Fire branchpipes	A, D
5.42	Measurement of dimensions and testing of operating characteristics	ČSN EN 14339, cl. 5; ČSN EN 14384, cl. 5	Fire hydrants	A, D
5.43	Determination of test fire performance	ČSN EN 1568-1 ed. 2, Annex H; ČSN EN 1568-3 ed. 2, Annex H; ČSN EN 1568-4 ed. 2, Annex H	Foam concentrates	A, D
5.44	Determination of test fire performance	ČSN EN 3-7+A1, Annex I, L, M; ČSN EN 16856, Annex I; ČSN EN 1866-1, cl. 8	Fire extinguishers and mobile fire extinguishers	A, D
5.45	Fire performance tests	ČSN EN 1869, Annex C, D	Fire blankets	A, D
5.46	Fire performance tests	ČSN EN 15276-1, Annex A	Condensed aerosol extinguishing systems	A, D
5.47	Fire performance tests	ČSN EN 15276-1, Annex A; ČSN EN 14972-3; ČSN EN 14972-6; ČSN EN 14972-7; ČSN EN 14972-8; ČSN EN 14972-9; ČSN EN 14972-10; ČSN EN 14972-11; ČSN EN 14972-14; ČSN EN 14972-15; ČSN EN 14972-16	Water mist extinguishing systems	A, D
5.48	Accelerated ageing test	ČSN EN 15276-1, cl. 7.7	Condensed aerosol extinguishing systems	A, D
5.49	Accelerated ageing test	ČSN EN 17450-2, cl. 5.12	Water mist nozzles	A, D
5.50	Accelerated ageing test	ČSN EN 15889, Annex D	Fire hoses	A, D
5.51	Crush resistance test	ČSN EN 15889, Annex K	Fire hoses	-
5.52	Determination of bulk density	ČSN EN 615, Annex A	Fire extinguishants – powders	-
5.53	Test for resistance to caking and lumping	ČSN EN 615, Annex C	Fire extinguishants – powders	-
5.54	Water repellency test	ČSN EN 615, Annex D	Fire extinguishants – powders	-
5.55	Determination of moisture content	ČSN EN 615, Annex E	Fire extinguishants – powders	-
5.56	Test for resistance to corrosion of waterways	ČSN EN 671-1 ed. 2, Annex D; ČSN EN 671-2 ed. 2, Annex D	Hose systems	-

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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Tested subject	Degrees of freedom ³
5.57	Measurement of spray discharge angle	ČSN EN 671-1 ed. 2, Annex E.3; ČSN EN 671-2 ed. 2, Annex E.3; ČSN EN 15182-2, cl. 4.2.4	Fire branchpipes	A, D
5.58	Rotation test	ČSN EN 671-1 ed. 2, Annex F.2	Hose systems	-
5.59	Swinging test	ČSN EN 671-1 ed. 2, Annex F.3	Hose systems	-
5.60	Unwinding loadtest	ČSN EN 671-1 ed. 2, Annex F.4	Hose systems	-
5.61	Dynamic braking test	ČSN EN 671-1 ed. 2, Annex F.5	Hose systems	-
5.62	Impact and load resistance testing	ČSN EN 671-1 ed. 2, Annex F.6	Hose systems	-
5.63	Test of the resistance to a force applied above ground level	ČSN EN 1074-6, Annex B	Hydrants	-
5.64	Test of the performance of draining system	ČSN EN 1074-6, Annex E	Hydrants	-
5.65	Determination of gas flow	ČSN EN 12094-7, cl. 5.5	Components for firefighting systems	-
5.66	Test of spray flow velocity	ČSN EN 12094-7, cl. 5.4.2.2; ČSN EN 12416-1, Annex M	Component for firefighting systems	-
6	Fire technical properties			
6.1	Determination of organic content	ČSN EN 13820	Thermal insulating materials	-
6.2	Determination of maximum service temperature	ČSN EN 14706; EN 14706; ČSN EN ISO 18097; EN ISO 18097	Thermal insulating products	-
6.3	Determination of flame propagation along the surface	ČSN 73 0863	Building materials	-
6.4	Determination of the Expansion Ratio	EOTA TR 024 Annex A1	Intumescent materials	-
6.5	Test for vertical flame propagation	UL 1581 (UL VW-1)	Electrical wires, cables	-
7	Special tests			
7.1	Reaction-to-fire tests - Intermediate-scale test	ČSN ISO 13785-1	Façades, thermal insulation systems	-
7.2	Reaction-to-fire tests - Large-scale test	ISO 13785-2	Façades, thermal insulation systems	-
7.3	Test of fire performance	ZP-32/2022 (Assessment of Fire Performance of Facades: 2022 05 12)	External thermal insulation composite system (ETICS)	-

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

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³ degrees of freedom: A – Flexibility concerning materials/products (subject of the test), B – Flexibility concerning components/parameters/characteristics, C – Flexibility concerning the performance of the method, D – Flexibility concerning the method

The laboratory can modify the test procedures with the specified degree(s) of freedom in the scope of accreditation while maintaining the principle of measurement. If no degree of freedom is specified, the laboratory cannot apply a flexible approach to the scope of accreditation for the test.

2. Location Brno

Tests:

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Tested subject	Degrees of freedom ³
1	Reaction to fire for buildings products			
1.1	Determining the reaction to fire – exposure to the thermal attack by a single burning item	ČSN EN 13823+A1; EN 13823+A1	Building products (excluding floorings)	-
1.2	Non-combustibility test	ČSN EN ISO 1182; EN ISO 1182	Building products	-
1.3	Determining the ignitability Subjection to direct impingement of flame – Single flame source test	ČSN EN ISO 11925-2; EN ISO 11925-2	Building products	-
1.4	Determining the gross heat of combustion	ČSN EN ISO 1716; EN ISO 1716	Products	-
1.5	Determining the burning behaviour using a radiant heat source	ČSN EN ISO 9239-1; EN ISO 9239-1	Floorings	-

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

³ degrees of freedom: A – Flexibility concerning materials/products (subject of the test), B – Flexibility concerning components/parameters/characteristics, C – Flexibility concerning the performance of the method, D – Flexibility concerning the method

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Accreditation for purposes of authorization/notification:

Ordinal number	Product / Product group name	Conformity assessment procedure / module / AVCP system	Basic requirements / harmonized technical specifications: product specifications / characteristics / technical standards ¹
1	Construction products acc. to Regulation of the European Parliament and of the Council (EU) No. 305/2011, system 3		
1.1	Precast normal/ lightweight concrete / autoclaved aerated concrete products		
1.1.1	Beam/block floor units and elements containing organic materials for uses subject to reaction to fire regulations <i>(according to Annex III of Commission Decision No. 1999/94/EC, as amended by Commission Decision 2012/202/EU)</i>	Regulation of the European Parliament and of the Council (EU) No. 305/2011, system 3	ČSN EN 15037-4+A1; ČSN EN 15037-5
1.2	Doors, windows, shutters, gates and related finish hardware		
1.2.1	Doors, windows, shutters, gates and related finish hardware (1/1) Doors and gates (with and without related hardware) For declared specific uses and/or uses subject to other specific requirements, in particular noise, energy, tightness and safety-in-use (i.e. NOT for the separation of fire/smoke sections and NOT for emergency routes) <i>(according to the Annex III, Commission Decision 1999/93/ES, as amended by Commission Decision 2011/246/EU)</i>	Regulation of the European Parliament and of the Council (EU) No. 305/2011, system 3	ČSN EN 13241+A2; ČSN EN 14351-1+A2
1.2.2	Doors, windows, shutters, gates and related finish hardware (1/1) Windows (with and without related hardware) for any other use <i>(according to the Annex III, Commission Decision 1999/93/ES, as amended by Commission Decision 2011/246/EU)</i>	Regulation of the European Parliament and of the Council (EU) No. 305/2011, system 3	ČSN EN 14351-1+A2

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Ordinal number	Product / Product group name	Conformity assessment procedure / module / AVCP system	Basic requirements / harmonized technical specifications: product specifications / characteristics / technical standards ¹
1.3	Membranes, including liquid applied and kits (for water and/or vapour control)		
1.3.1	Waterproofing (2/3) Flexible sheets for waterproofing, waterproofing layers, roof underlays, roof flexible sheets for waterproofing, water vapour control layers For uses subject to reaction to fire regulations <i>(according to the Annex III Commission Decision 1999/90/ES, as amended by Commission Decision 2001/596/ES)</i>	Regulation of the European Parliament and of the Council (EU) No. 305/2011, system 3	ČSN EN 13707+A2; ČSN EN 13859-1; ČSN EN 13859-2; ČSN EN 13956; ČSN EN 13967 ed. 2; ČSN EN 13970; ČSN EN 13984; ČSN EN 14909 ed. 2; ČSN EN 14967
1.3.2	Waterproofing (3/3) Roof underlays, roof flexible sheets for waterproofing for uses subject to external fire performance regulations <i>(according to the Annex III Commission Decision 1999/90/ES, as amended by Commission Decision 2001/596/ES)</i>	Regulation of the European Parliament and of the Council (EU) No. 305/2011, system 3	ČSN EN 13707+A2; ČSN EN 13956
1.4	Thermal insulation products. Composite insulation kits or systems		
1.4.1	Thermal insulation products (1/2) Thermal insulation products (factory-made products and products intended to be formed in-situ) For any other uses Thermal insulation products (2/2) Thermal insulation products (factory-made products and products intended to be formed in-situ) for uses subject to reaction to fire regulations <i>(according to the Annex III Commission Decision 1999/91/ES, as amended by Commission Decision 2001/596/ES)</i>	Regulation of the European Parliament and of the Council (EU) No. 305/2011, system 3	ČSN EN 13162+A1; ČSN EN 13163+A1; ČSN EN 13164+A1; ČSN EN 13165+A2; ČSN EN 13166+A2; ČSN EN 13168+A1; ČSN EN 13169+A1; ČSN EN 13170+A1; ČSN EN 13171+A1; ČSN EN 14303+A1; ČSN EN 14307+A1; ČSN EN 14308+A1; ČSN EN 14309+A1; ČSN EN 14933; ČSN EN 14934

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Ordinal number	Product / Product group name	Conformity assessment procedure / module / AVCP system	Basic requirements / harmonized technical specifications: product specifications / characteristics / technical standards ¹
1.5	Chimneys, flues and specific products		
1.5.1	Chimneys, flues and specific products (1/1) Prefabricated chimneys (floor height elements), flue liners (elements or blocks), multilayer chimneys (elements or blocks), single-layer chimney blocks, Prefabricated chimneys (storey height elements), flue liners (elements or blocks), multi-shell chimneys (elements or blocks), single walled chimneys blocks, kits of free standing chimneys and attached chimneys, chimney terminals for uses subject to reaction to fire regulations <i>(according to Annex III Commission Decision 95/467/ES, as amended by Commission Decision 2001/596/ES, Commission Decision 2002/592/ES, Commission Decision 2010/679/EU)</i>	Regulation of the European Parliament and of the Council (EU) No. 305/2011, system 3	ČSN EN 1457-1; ČSN EN 1457-2; ČSN EN 1806; ČSN EN 1856-1; ČSN EN 1856-2; ČSN EN 1857; ČSN EN 1858+A1; ČSN EN 12446 ed. 2; ČSN EN 13063-1+A1; ČSN EN 13063-2+A1; ČSN EN 13063-3; ČSN EN 13069; ČSN EN 13084-5; ČSN EN 13084-7; ČSN EN 13502; ČSN EN 14471+A1; ČSN EN 14989-1; ČSN EN 14989-2; EAD 060001-00-0802; EAD 060003-00-0802; EAD 060008-00-0802
1.6	Gypsum products		
1.6.1	Gypsum products (1/4) Plasterboards and ceiling elements with thin laminations, fibre-reinforced gypsum panels and composite panels (laminates) including relevant ancillary products which contain the material on their surface, whose reaction to fire changes during the manufacturing process, for uses in fire walls, partitions or ceilings (or their claddings) <i>(according to the Annex III Commission Decision 95/467/ES, as amended by Commission Decision 2001/596/ES, Commission Decision 2002/592/ES, Commission Decision 2010/679/EU)</i>	Regulation of the European Parliament and of the Council (EU) No. 305/2011, system 3	ČSN EN 13658-1; ČSN EN 13658-2; ČSN EN 13693+A1; ČSN EN 13815; ČSN EN 13950 ed. 2; ČSN EN 13963; ČSN EN 14190 ed. 2; ČSN EN 14209 ed. 2; ČSN EN 14353+A1; ČSN EN 14496; ČSN EN 14566+A1; EAD 070001-01-0504; EAD 070002-00-0505

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Ordinal number	Product / Product group name	Conformity assessment procedure / module / AVCP system	Basic requirements / harmonized technical specifications: product specifications / characteristics / technical standards ¹
1.6.2	Gypsum products (2/4) Plasterboards, blocks, ceiling elements and fibre-reinforced gypsum panels, including relevant ancillary products in walls, partitions or ceilings intended for fire protection of structural elements and/or for fire compartmentation in buildings <i>(according to the Annex III Commission Decision 95/467/ES, as amended by Commission Decision 2001/596/ES, Commission Decision 2002/592/ES, Commission Decision 2010/679/EU)</i>	Regulation of the European Parliament and of the Council (EU) No. 305/2011, system 3	ČSN EN 12859; ČSN EN 12860; ČSN EN 13279-1; ČSN EN 14195; ČSN EN 14246; ČSN EN 520+A1
1.6.3	Gypsum products (3/4) Plasterboards, including relevant ancillary products for stiffening timber-framed wind-load bearing walls or timber roof truss structures (3/4) <i>(according to the Annex III Commission Decision 95/467/ES, as amended by Commission Decision 2001/596/ES, Commission Decision 2002/592/ES, Commission Decision 2010/679/EU)</i>	Regulation of the European Parliament and of the Council (EU) No. 305/2011, system 3	ČSN EN 14190 ed. 2; ČSN EN 15283-1+A1; ČSN EN 15283-2+A1
1.7	Geotextiles, geomembranes and related products		
1.7.1	Geosynthetics (membrane and textiles), geocomposites, composites, geogrids, geomembranes and geonets used for separation, protection, drainage, filtration, or soil reinforcement - for reaction to fire for products not belonging to the subgroups listed in rows 1 and 2 <i>(according to the Annex II Commission Decision 2015/1958/ES / Commission Decision 596/581/ES)</i>	Regulation of the European Parliament and of the Council (EU) No. 305/2011, system 3	ČSN EN 13251; ČSN EN 13255; ČSN EN 13256; ČSN EN 13491

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Ordinal number	Product / Product group name	Conformity assessment procedure / module / AVCP system	Basic requirements / harmonized technical specifications: product specifications / characteristics / technical standards ¹
1.8	Curtain walling/sheathing/structural sealed glazing		
1.8.1	Curtain walling (1/1) Curtain walling systems - as external walls, subject to reaction to fire requirements - as external walls, not subject to reaction to fire requirements <i>(according to the Annex III Commission Decision 96/580/ES, as amended by Commission Decision 2001/596/ES)</i>	Regulation of the European Parliament and of the Council (EU) No. 305/2011, system 3	ČSN EN 13830
1.9	Products and elements of structural wood and accessories		
1.9.1	Structural timber products (3/3) Fasteners for structural timber products - Connectors for timber, split ring connectors, cylindrical steel and wood dowels, wood screws, threaded bolts, wood nails <i>(according to the Annex III Commission Decision 97/176/ES, as amended by Commission Decision 2001/596/ES)</i>	Regulation of the European Parliament and of the Council (EU) No. 305/2011, system 3	ČSN EN 14592+A1
1.10	Wood based panels and elements		
1.10.1	Wood based panels (2/2) Wood based panels without surface treatments, with surface treatment and veneered or laminated for indoor or outdoor non-load-bearing structures <i>(according to the Annex III Commission Decision 97/462/ES, as amended by Commission Decision 2001/596/ES)</i>	Regulation of the European Parliament and of the Council (EU) No. 305/2011, system 3	ČSN EN 13986+A1
1.11	Masonry and related products. Masonry units, mortars and ancillaries		
1.11.1	Masonry and related products (2/3) - Ties, tension straps, joist hangers, brackets, support angles, reinforcement of sheet joints and lintels in walls and partitions <i>(according to the Annex 3 Commission Decision 97/740/ES as amended by Commission Decision 2001/596/ES)</i>	Regulation of the European Parliament and of the Council (EU) No. 305/2011, system 3	ČSN EN 845-1+A1; ČSN EN 845-2+A1; ČSN EN 845-3+A1

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Ordinal number	Product / Product group name	Conformity assessment procedure / module / AVCP system	Basic requirements / harmonized technical specifications: product specifications / characteristics / technical standards ¹
1.11.2	Masonry and related products (3/3) Masonry units incorporating thermal insulating materials placed on a face susceptible to be exposed to fire in walls and partitions, subject to reaction to fire regulations <i>(according to the Annex III Commission Decision 97/740/ES, as amended by Commission Decision 2001/596/ES)</i>	Regulation of the European Parliament and of the Council (EU) No. 305/2011, system 3	ČSN EN 998-1 ed. 3; ČSN EN 998-2 ed. 3; ČSN EN 15824 ed. 2
1.12	Floorings		
1.12.1	Product group flooring and outdoor surfaces (2/2) Products for solid floors A) Components Paving units, tiles, mosaics, parquets, panel or grate covers, grill flooring, solid laminated floorings, wood based products B) Bearing systems marketed as assemblies Access ramps, double floors for internal uses including enclosed public transport premises with a prescribed level of reaction to fire <i>(according to the Annex III Commission Decision 97/808/ES, as amended by Commission Decision 1999/453, Commission Decision 2001/596 and Commission Decision 2006/190 ES)</i>	Regulation of the European Parliament and of the Council (EU) No. 305/2011, system 3	ČSN EN 12057; ČSN EN 12058; ČSN EN 13813; ČSN EN 14041; ČSN EN 14342; ČSN EN 14411 ed. 2

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Ordinal number	Product / Product group name	Conformity assessment procedure / module / AVCP system	Basic requirements / harmonized technical specifications: product specifications / characteristics / technical standards ¹
1.12.2	Product group flooring and outdoor surfaces (2/2) Resilient and textile floorings Homogeneous and heterogeneous resilient floor coverings supplied either in tiles, sheets or rolls (textile floor coverings including tiles, plastic and rubber sheets (aminoplastic thermosetting floorings); linoleum and cork; anti-static sheet; floor loose laid tiles; resilient laminated floorings) for internal uses with a prescribed level of reaction to fire <i>(according to the Annex III Commission Decision 97/808/ES, as amended by Commission Decision 1999/453, Commission Decision 2001/596 and Commission Decision 2006/190 ES)</i>	Regulation of the European Parliament and of the Council (EU) No. 305/2011, system 3	ČSN EN 14041; ČSN EN 14904
1.12.3	Product group flooring and outdoor surfaces (2/2) Floor screed materials for internal uses with a prescribed level of reaction to fire <i>(according to the Annex III Commission Decision 97/808/ES, as amended by Commission Decision 1999/453, Commission Decision 2001/596 and Commission Decision 2006/190 ES)</i>	Regulation of the European Parliament and of the Council (EU) No. 305/2011, system 3	ČSN EN 13813; ČSN EN 13454-1
1.13	Indoor and outdoor coating of walls and ceilings. Internal partition kits		
1.13.1	Internal and external wall and ceiling finishes (1/5) Panels, intended to be as internal or external finishes, as completed elements, for fire protection of walls and ceilings Suspended ceilings (kits) intended to be used as internal or external finishes for fire protection of walls and ceilings <i>(according to the Annex III Commission Decision 98/437/ES, as amended by Commission Decision 2001/596/ES)</i>	Regulation of the European Parliament and of the Council (EU) No. 305/2011, system 3	ČSN EN 13964 ed. 2; ČSN EN 14509 ed. 2

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Ordinal number	Product / Product group name	Conformity assessment procedure / module / AVCP system	Basic requirements / harmonized technical specifications: product specifications / characteristics / technical standards ¹
1.13.2	Internal and external wall and ceiling finishes (2/5) Suspended ceilings (kits) – as internal or external finish in walls or ceilings subject to safety in use requirements Facing tiles. Panels in internal or external suspended ceilings subject to safety in use requirements <i>(according to the Annex III Commission Decision 98/437/ES, as amended by Commission Decision 2001/596/ES)</i>	Regulation of the European Parliament and of the Council (EU) No. 305/2011, system 3	ČSN EN 492+A2; ČSN EN 12057; ČSN EN 13964 ed. 2
1.13.3	Internal and external wall and ceiling finishes (3/5) Wall coverings in roll form, cladding, shingles, tiles, suspended ceilings (kits), cladding elements, facing tiles, panels, featured profiles, suspended structures as internal or external finishes in walls or ceilings or intended to support internal or external finishes in walls or ceilings or suspended ceilings, subject to reaction to fire regulations <i>(according to the Annex III Commission Decision 98/437/ES, as amended by Commission Decision 2001/596/ES)</i>	Regulation of the European Parliament and of the Council (EU) No. 305/2011, system 3	ČSN EN 494+A1; ČSN EN 1469 ed. 2; ČSN EN 12467+A2; ČSN EN 14716; ČSN EN 14915; ČSN EN 15102+A1; EAD 210024-00-0504
1.13.4	Internal and external wall and ceiling finishes (4/5) Suspended ceilings (kits), cladding elements, shingles, facing tiles, panels - as internal or external finishes in walls or ceilings subject to regulations on dangerous substances <i>(according to the Annex III Commission Decision 98/437/ES, as amended by Commission Decision 2001/596/ES)</i>	Regulation of the European Parliament and of the Council (EU) No. 305/2011, system 3	ČSN EN 494+A1; ČSN EN 14915; ČSN EN 15285; EAD 090062-00-0404
1.13.5	Kits for exterior wall claddings (2/2) - for uses subject to reaction to fire regulations <i>(according to the Annex II Commission Decision 2003/640/ES)</i>	Regulation of the European Parliament and of the Council (EU) No. 305/2011, system 3	EAD 090001-00-0404; EAD 090019-00-0404; EAD 090034-00-0404; EAD 090062-00-0404; EAD 210046-00-1201; EAD 210005-00-0505

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

PAVUS, a.s.

CAB number 1026, Fire Testing Laboratory Veselí nad Lužnicí
Čtvrť J. Hybeše 879, 391 81 Veselí nad Lužnicí

Ordinal number	Product / Product group name	Conformity assessment procedure / module / AVCP system	Basic requirements / harmonized technical specifications: product specifications / characteristics / technical standards ¹
1.14	Roof coverings, roof lights, roof windows and ancillary products, roof kits		
1.14.1	Roof coverings, roof lights, roof windows (1/6) Flat and profiled sheets, roofing tiles, slates, stones and shingles, factory-bonded composite or sandwich panels, roof lights, roof windows for uses subject to fire resistance regulations (e.g. for fire compartmentation) <i>(according to the Annex III RK 98/436/ES, as amended by Commission Decision 2001/596/ES)</i>	Regulation of the European Parliament and of the Council (EU) No. 305/2011, system 3	ČSN EN 492+A2; ČSN EN 544 ed. 2; ČSN EN 1304; ČSN EN 1873; ČSN EN 12326-1 ed. 2; ČSN EN 14509 ed. 2; ČSN EN 14782; ČSN EN 14783; ČSN EN 14963; EAD 220013-01-0401; EAD 220021-00-0402
1.14.2	Roof coverings, roof lights, roof windows and ancillary products (2/6) Flat and profiled sheets, roofing tiles, slates, stones and shingles, factory-bonded composite or sandwich panels, roof lights, roof windows, cornice and eaves elements for uses subject to reaction to fire regulations <i>(according to the Annex III Commission Decision 98/436/ES, as amended by Commission Decision 2001/596/ES)</i>	Regulation of the European Parliament and of the Council (EU) No. 305/2011, system 3	ČSN EN 490 ed. 2; ČSN EN 492+A2; ČSN EN 494+A1; ČSN EN 534+A1; ČSN EN 544 ed. 2; ČSN EN 1013+A1; ČSN EN 1304; ČSN EN 1873; ČSN EN 12326-1 ed. 2; ČSN EN 14351-1+A2; ČSN EN 14509 ed. 2; ČSN EN 14782; ČSN EN 14783; ČSN EN 14963; ČSN EN 14964; ČSN EN 16153+A1; EAD 220010-01-0402; EAD 220116-00-0401
1.14.3	Roof coverings, roof lights, roof windows and ancillary products (3/6) Flat and profiled sheets Roofing tiles, slates, stones and shingles Systems for roof access; walkways and steps for uses subject to external fire performance regulations <i>(according to the Annex III Commission Decision 98/436/ES, as amended by Commission Decision 2001/596/ES)</i>	Regulation of the European Parliament and of the Council (EU) No. 305/2011, system 3	ČSN EN 490 ed. 2; ČSN EN 492+A2; ČSN EN 494+A1; ČSN EN 516; ČSN EN 534+A1; ČSN EN 544 ed. 2; ČSN EN 1013+A1; ČSN EN 1304; ČSN EN 1873; ČSN EN 12326-1 ed. 2; ČSN EN 14351-1+A2; ČSN EN 14509 ed. 2; ČSN EN 14782; ČSN EN 14783; ČSN EN 14963; ČSN EN 16153+A1

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Ordinal number	Product / Product group name	Conformity assessment procedure / module / AVCP system	Basic requirements / harmonized technical specifications: product specifications / characteristics / technical standards ¹
1.14.4	Roof coverings, roof lights, roof windows and ancillary products (4/6) Flat and profiled sheets, factory-bonded composite or sandwich panels, roof lights, roof windows for uses contributing to stiffening the roof structure (4/6) <i>(according to the Annex III Commission Decision 98/436/ES, as amended by Commission Decision 2001/596/ES)</i>	Regulation of the European Parliament and of the Council (EU) No. 305/2011, system 3	ČSN EN 494+A1; ČSN EN 1873; ČSN EN 14963
1.14.5	Roof coverings, roof lights, roof windows and ancillary products (5/6) All roof coverings, roof lights, roof windows and ancillary products for uses subject to regulations on dangerous substances <i>(according to the Annex III Commission Decision 98/436/ES, as amended by Commission Decision 2001/596/ES)</i>	Regulation of the European Parliament and of the Council (EU) No. 305/2011, system 3	ČSN EN 492+A2; ČSN EN 1013+A1; ČSN EN 1873; ČSN EN 14509 ed. 2; ČSN EN 14963; EAD 220062-00-0401
1.14.6	Roof coverings, roof lights, roof windows and ancillary products (6/6) Roof access systems, walkways and footholds, roof safety hooks and anchorages, mastic asphalt roofing, roof lights, roof windows for uses other than those specified in families (1/6), (2/6), (3/6), (4/6), (5/6) <i>(according to the Annex III Commission Decision 98/436/ES, as amended by Commission Decision 2001/596/ES)</i>	Regulation of the European Parliament and of the Council (EU) No. 305/2011, system 3	ČSN EN 516; ČSN EN 517; ČSN EN 1873; ČSN EN 12951; ČSN EN 14351-1+A2; ČSN EN 14963
1.15	Road construction products		
1.15.1	Road construction products (2/2) Bituminous mixtures, surface treatment for uses subject to reaction to fire regulations <i>(according to the Annex III Commission Decision 98/601/ES, as amended by Commission Decision 2001/596/ES)</i>	Regulation of the European Parliament and of the Council (EU) No. 305/2011, system 3	ČSN EN 14023; ČSN EN 14695

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Ordinal number	Product / Product group name	Conformity assessment procedure / module / AVCP system	Basic requirements / harmonized technical specifications: product specifications / characteristics / technical standards ¹
1.16	Products related to concrete, mortar and grout		
1.16.1	Products related to concrete, mortar and grout (2/2) Concrete protection and repair products for uses subject to reaction to fire regulations <i>(according to the Annex III Commission Decision 1999/469/ES, as amended by Commission Decision 2001/569/ES)</i>	Regulation of the European Parliament and of the Council (EU) No. 305/2011, system 3	ČSN EN 1504-2; ČSN EN 1504-3; ČSN EN 1504-4; ČSN EN 1504-5; ČSN EN 1504-6; ČSN EN 1504-7
1.17	Tubes, tanks and ancillaries, which are not in contact with water intended for human consumption		
1.17.1	Tubes, tanks and ancillaries, which are not in contact with water intended for human consumption (4/5) Valves and taps Tubes in installations for transport/distribution/ storage of gas/fuel supplying heating/cooling systems of buildings from the external storage reservoir or the last pressure reduction unit of the network to the inlet of the heating/cooling systems of the building <i>(according to the Annex III Commission Decision 1999/472/ES, as amended by Commission Decision 2001/596/ES)</i>	Regulation of the European Parliament and of the Council (EU) No. 305/2011, system 3	ČSN EN 14800; ČSN EN 15069
1.18	Joint sealants		
1.18.1	Joint sealants for non-structural use in joints in buildings and pedestrian walkways (2/2) Joint sealants subject to reaction to fire regulations <i>(according to the Annex II Commission Decision 2011/19/ES)</i>	Regulation of the European Parliament and of the Council (EU) No. 305/2011, system 3	ČSN EN 15651-1 ed. 2

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Ordinal number	Product / Product group name	Conformity assessment procedure / module / AVCP system	Basic requirements / harmonized technical specifications: product specifications / characteristics / technical standards ¹
1.19	Products for fire stopping, fire sealing and fire protection and retardation products		
1.19.1	Fire stopping, fire sealing and fire protection (2/2) Fire stopping and fire sealing products. Fire protective products (including protective coatings) for uses subject to reaction to fire regulations <i>(according to the Annex II Commission Decision 1999/454/ES, as amended by Commission Decision 2001/596/ES)</i>	Regulation of the European Parliament and of the Council (EU) No. 305/2011, system 3	EAD 350003-00-1109; EAD 350005-00-1104; EAD 350022-01-1107; EAD 350134-00-1104; EAD 350140-00-1106; EAD 350141-00-1106; EAD 350142-00-1106; EAD 350402-00-1106; EAD 350454-00-1104; EAD 350865-00-1106; ETAG 026-4; ETAG 026-5

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

Explanations:

AVCP	- Assessment and Verification of Constancy of Performance
CEN	- Comité Européen de Normalisation
DIN	- Deutsche Industrienorm
EAD	- European Assessment Document
EOTA TR	- Technical Report of European Organization for Technical Assessment
ETAG	- Guideline for European Technical Approval
ETICS	- External Thermal Insulation Composite Systems
GMI	- GM International Engineering Standard
ÖNORM	- Österreichische Norm
SHZ	- Fixed Fire-Fighting System
STN	- Slovak technical standard
TS	- Technical Specifications
UL	- Underwriters Laboratories Inc. (USA)
VdS	- Verband der Sachversicherer e.V. (Germany)
RK	- Commission Decision
ZP-xx/20xx	- Internal testing regulations of the Fire Testing Laboratory Veselí nad Lužnicí

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