

**The Appendix is an integral part of  
Certificate of Accreditation No. 197/2023 of 24/04/2023**

**Entity accredited according to ČSN EN ISO/IEC 17025:2018:**

**PAVUS, a.s.**

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

**Testing laboratory workplaces:**

- |    |                                     |   |
|----|-------------------------------------|---|
| 1. | <b>Workplace Veselí nad Lužnicí</b> | Čtvrť J. Hybeše 879<br>391 81 Veselí nad Lužnicí            |
| 2. | <b>Workplace Brno</b>               | Centrum AdMaS, FAST VUT<br>Purkyňova 651/139<br>612 00 Brno |

*The Laboratory is qualified to provide expert advice and interpretation of test results.*

1. **Workplace Veselí nad Lužnicí**

**Tests:**

Ordinal number <sup>1</sup>	Test procedure/method name	Test procedure/method identification <sup>2</sup>	Test object
<b>1</b>	<b>Reaction to fire for buildings products</b>		
1.01	Determining the reaction to fire Exposure to the thermal attack by a single burning item	ČSN EN 13823+A1	Building products (excluding floorings)
1.02	Determination of propensity to undergo continuous smouldering	ČSN EN 16733	Building products
1.03	Non-combustibility test	ČSN EN ISO 1182	Building products
1.04	Determining the ignitability Subjection to direct impingement of flame – Single flame source test	ČSN EN ISO 11925-2	Building products
1.05	Determining the gross heat of combustion	ČSN EN ISO 1716	Products
1.06	Determining the burning behaviour using a radiant heat source	ČSN EN ISO 9239-1	Floorings
<b>2</b>	<b>Fire tests of structures and products</b>		
2.01	Determining the resistance to fire	ČSN EN 1047-1	Data cabinets
2.02	Determination of fire spread	ČSN P CEN/TS 1187, cl. 4 (Test 1)	Roofs
2.03	Determination of fire spread	ČSN P CEN/TS 1187, cl. 6 (Test 3)	Roofs
2.04	Determining the contribution to the fire resistance of structural members - by test - by calculation	- ČSN EN 13381-1 cl. 1-12 - ČSN EN 13381-1 cl. 13-15	Horizontal protective membranes

**The Appendix is an integral part of  
Certificate of Accreditation No. 197/2023 of 24/04/2023**

**Entity accredited according to ČSN EN ISO/IEC 17025:2018:**

**PAVUS, a.s.**  
Fire Testing Laboratory Veselí nad Lužnicí  
Čtvrť J. Hybeše 879, 391 81 Veselí nad Lužnicí

Ordinal number <sup>1</sup>	Test procedure/method name	Test procedure/method identification <sup>2</sup>	Test object
2.05	Determining the contribution to the fire resistance of structural members - by test - by calculation	- ČSN EN 13381-2 cl. 1-12 - ČSN EN 13381-2 cl. 13-15	Vertical protective membranes
2.06	Determining the contribution to the fire resistance of structural members - by test - by calculation	- ČSN EN 13381-3 cl. 1-12 - ČSN EN 13381-3 cl. 13-15	Applied protection to concrete members
2.07	Determining the contribution to the fire resistance of structural members - by test - by calculation	- ČSN EN 13381-4 cl. 1-12 - ČSN EN 13381-4 cl. 13-15	Applied passive protection to steel members
2.08	Determining the contribution to the fire resistance of structural members - by test - by calculation	- ČSN EN 13381-5 cl. 1-12 - ČSN EN 13381-5 cl. 13-15	Applied protection to concrete/profiled sheet steel composite members
2.09	Determining the contribution to the fire resistance of structural members - by test - by calculation	- ČSN EN 13381-6 cl. 1-12 - ČSN EN 13381-6 cl. 13-15	Applied protection to concrete filled hollow steel columns
2.10	Determining the contribution to the fire resistance of structural members - by test - by calculation	- ČSN EN 13381-7 cl. 1-12 - ČSN EN 13381-7 cl. 13-15	Applied protection to timber members
2.11	Determining the contribution to the fire resistance of structural members - by test - by calculation	- ČSN EN 13381-8 cl. 1-12 - ČSN EN 13381-8 cl. 13-15	Applied reactive protection to steel members
2.12	Determining the contribution to the fire resistance of structural members - by test - by calculation	- ČSN EN 13381-9 cl. 1-9 - ČSN EN 13381-9 cl. 10-12	Applied fire protection systems to steel beams with web openings
2.13	Determining the contribution to the fire resistance of structural members - by test - by calculation	- ČSN EN 13381-10 cl. 1-10 - ČSN EN 13381-10 cl. 11-13	Applied protection to solid steel bars in tension
2.14	Fire resistance tests	ČSN EN 1363-1	Building structures

**The Appendix is an integral part of  
Certificate of Accreditation No. 197/2023 of 24/04/2023**

**Entity accredited according to ČSN EN ISO/IEC 17025:2018:**

**PAVUS, a.s.**  
Fire Testing Laboratory Veselí nad Lužnicí  
Čtvrť J. Hybeše 879, 391 81 Veselí nad Lužnicí

Ordinal number <sup>1</sup>	Test procedure/method name	Test procedure/method identification <sup>2</sup>	Test object
2.15	Fire resistance tests	ČSN EN 1363-2	Building structures
2.16	Fire resistance tests for non-loadbearing elements	ČSN EN 1364-1	Non-loadbearing walls
	Verification of fire characteristics of walls by full scale test	ZP-30/2012 (ČSN EN 1364-1)	External non-loadbearing walls from metal multilayer structures
2.17	Fire resistance tests for non-loadbearing elements	ČSN EN 1364-2	Ceilings
2.18	Fire resistance tests for non-loadbearing elements	ČSN EN 1364-3	Curtain walling – Full configuration complete assembly
2.19	Fire resistance tests for non-loadbearing elements	ČSN EN 1364-4	Curtain walling - part configuration
2.20	Fire resistance tests for non-loadbearing elements	ČSN EN 1364-5	Air transfer grilles
2.21	Fire resistance tests for loadbearing elements	ČSN EN 1365-1	Loadbearing walls
2.22	Fire resistance tests for loadbearing elements	ČSN EN 1365-2	Floors and roofs
2.23	Fire resistance tests for loadbearing elements	ČSN EN 1365-3	Beams
2.24	Fire resistance tests for loadbearing elements	ČSN EN 1365-4	Columns
2.25	Fire resistance tests for loadbearing elements	ČSN EN 1365-5	Balconies and walkways
2.26	Fire resistance tests for loadbearing elements	ČSN EN 1365-6	Stairs
2.27	Fire resistance tests for service installations	ČSN EN 1366-1+A1	Ducts
2.28	Fire resistance tests for service installations	ČSN EN 1366-2	Fire dampers
2.29	Fire resistance tests for service installations	ČSN EN 1366-3	Penetration seals
2.30	Fire resistance tests for service installations	ČSN EN 1366-4	Linear joint seals
2.31	Fire resistance tests for service installations	ČSN EN 1366-5	Installation ducts and shafts
2.32	Fire resistance tests for service installations	ČSN EN 1366-6	Raised access and hollow core floors
2.33	Fire resistance tests for service installations	ČSN EN 1366-7	Conveyors systems and their closures
2.34	Fire resistance tests for service installations	ČSN EN 1366-8	Multi compartment smoke extraction ducts

**The Appendix is an integral part of  
Certificate of Accreditation No. 197/2023 of 24/04/2023**

**Entity accredited according to ČSN EN ISO/IEC 17025:2018:**

**PAVUS, a.s.**  
Fire Testing Laboratory Veselí nad Lužnicí  
Čtvrť J. Hybeše 879, 391 81 Veselí nad Lužnicí

Ordinal number <sup>1</sup>	Test procedure/method name	Test procedure/method identification <sup>2</sup>	Test object
2.35	Fire resistance tests for service installations	ČSN EN 1366-9	Single compartment smoke extraction ducts
2.36	Fire resistance tests for service installations	ČSN EN 1366-10	Smoke control dampers
2.37	Fire resistance tests for service installations	ČSN EN 1366-11+A1	Fire protective systems for cable systems and associated components
2.38	Fire resistance tests for service installations	ČSN EN 1366-12+A1	Non-mechanical fire dampers
2.39	Fire resistance tests for service installations	ČSN EN 1366-13	Chimneys and flues
	Class of fire resistance determination	DIN 18160-60 cl. 5 DIN 18160-60 cl. 6 DIN 18160-60 cl. 7	Chimneys and smoke ducts
	Class of fire resistance determination	ÖNORM B 8203 cl. 5	Chimneys and smoke ducts
2.40	Determination of fire protection ability	ČSN EN 14135	Coverings
2.41	Determination of resistance to fire	ČSN EN 14470-1	Safety storage cabinet for flammable liquids
2.42	Cycling test	ČSN EN 15650 Annex C	Fire dampers
2.43	Determination of fire resistance	ČSN EN 15659	Light fire storage units
2.44	Fire resistance tests for door and shutter assemblies	ČSN EN 1634-1+A1	Fire door and shutters
2.45	Fire resistance and smoke control tests for door, shutter and openable window assemblies and elements of building hardware	ČSN EN 1634-2	Elements of building hardware
2.46	Fire resistance tests for door and shutter assemblies	ČSN EN 1634-3	Smoke control doors and shutters
2.47	Leakage tests	ČSN EN 1751 cl. 5	Dampers and valves
2.48	Flow rate and pressure tests	ČSN EN 1751 cl. 6	Dampers and valves
2.49	Leakage tests of pipeworks	ČSN EN 1775 ed. 2 cl. A.3	Gas pipeworks for buildings – operating pressure ≤ 5 bar
2.50	Determination of scrub fire resistance	ČSN EN 1794-2:2011 Annex A	Noise reducing devices
2.51	Determination of function class of cables and cable loadbearing structures – systems in the event of fire	ČSN EN 50577	Cables and cable loadbearing structures – systems
	Determination of function class of cables and cable loadbearing structures – systems in the event of fire	ČSN 73 0895	Cables and cable loadbearing structures – systems

**The Appendix is an integral part of  
Certificate of Accreditation No. 197/2023 of 24/04/2023**

**Entity accredited according to ČSN EN ISO/IEC 17025:2018:**

**PAVUS, a.s.**  
Fire Testing Laboratory Veselí nad Lužnicí  
Čtvrť J. Hybeše 879, 391 81 Veselí nad Lužnicí

Ordinal number <sup>1</sup>	Test procedure/method name	Test procedure/method identification <sup>2</sup>	Test object
	Determination of function class of cables and cable loadbearing structures – systems in the event of fire	DIN 4102-12	Cables and cable loadbearing structures – systems
	Determination of function class of cables and cable loadbearing structures – systems in the event of fire	STN 92 0205	Cable systems
	Determination of function class of cables and cable loadbearing structures – systems in the event of fire	STN 92 0206	Low voltage switchboards
2.52	Landing doors fire resistance test	ČSN EN 81-58	Landing doors
2.53	Test of thermal release mechanism	ISO 10294-4	Thermal release mechanisms of fire dampers
2.54	Evaluation of materials drainage of the soffits of ceilings and roofs	ČSN 73 0865	Soffits
2.55	Air conditioning equipment tests	ÖNORM H 6025	Fire dampers
<b>3</b>	<b>Chimneys, air conditioning, ventilation</b>		
3.01	Smoke barrier tests	ČSN EN 12101-1 Annex D	Smoke barriers
3.02	Reliability test	ČSN EN 12101-2 ed. 2 Annex C	Natural smoke and heat exhaust ventilators
3.03	Load opening test	ČSN EN 12101-2 ed. 2 Annex D	Natural smoke and heat exhaust ventilators
3.04	Test at low ambient temperature	ČSN EN 12101-2 ed. 2 Annex E	Natural smoke and heat exhaust ventilators
3.05	Wind load test	ČSN EN 12101-2 ed. 2 Annex F	Natural smoke and heat exhaust ventilators
3.06	Heat effect test	ČSN EN 12101-2 ed. 2 Annex G	Natural smoke and heat exhaust ventilators
3.07	Test for performance of powered ventilators at high temperature	ČSN EN 12101-3 ed. 2 Annex C	Ventilators
3.08	Assessing the response delay and ability to open under environmental conditions	ČSN EN 12101-3 ed. 2 Annex E	Ventilators
3.09	Heat stress and heat shock test	ČSN EN 12446 ed. 2 Annex A	Concrete outer wall elements of chimneys
3.10	Heat load test	ČSN EN 13063-1+A1 cl. 5.2.1.2 ČSN EN 13216-1 ed. 2 cl. 5.7.3.2	System chimneys with clay/ceramic flue liners
	Heat load test	ČSN EN 13063-2+A1 cl. 5.2.1 ČSN EN 13216-1 ed. 2 cl. 5.7.3.2	System chimneys with clay/ceramic flue liners

**The Appendix is an integral part of  
Certificate of Accreditation No. 197/2023 of 24/04/2023**

**Entity accredited according to ČSN EN ISO/IEC 17025:2018:**

**PAVUS, a.s.**  
Fire Testing Laboratory Veselí nad Lužnicí  
Čtvrť J. Hybeše 879, 391 81 Veselí nad Lužnicí

Ordinal number <sup>1</sup>	Test procedure/method name	Test procedure/method identification <sup>2</sup>	Test object
	Heat load test	ČSN EN 13216-1 ed. 2 cl. 5.7.3.2	System chimneys
	Heat load test	ČSN EN 1859+A1 cl. 4.5.3.1	Metal chimneys
3.11	Thermal impact test	ČSN EN 13063-1+A1 cl. 5.2.1.3 ČSN EN 13216-1 ed. 2 cl. 5.7.3.3	System chimneys with clay/ceramic flue liners
	Thermal impact test	ČSN EN 13216-1 ed. 2, cl. 5.7.3.3	System chimneys
	Thermal impact test	ČSN EN 1859+A1 cl. 4.5.3.2	Metal chimneys
3.12	Test of relative movement of the flue liner	ČSN EN 13063-1+A1 cl. 5.2.2 ČSN EN 13216-1 ed. 2 cl. 5.3	System chimneys with clay/ceramic flue liners
	Test of relative movement of the flue liner	ČSN EN 13063-2+A1 cl. 5.2.3 ČSN EN 13216-1 ed. 2 cl. 5.3	System chimneys with clay/ceramic flue liners
	Test of relative movement of the flue liner	ČSN EN 13216-1 ed. 2 cl. 5.3	System chimneys
3.13	Gas tightness test	ČSN EN 13063-1+A1 cl. 5.3.1 ČSN EN 13216-1 ed. 2 cl. 5.4	System chimneys with clay/ceramic flue liners
	Gas tightness test	ČSN EN 13063-2+A1 cl. 5.3.1 ČSN EN 13216-1 ed. 2 cl. 5.4	System chimneys with clay/ceramic flue liners
	Gas tightness test	ČSN EN 13216-1 ed. 2 cl. 5.4	System chimneys
	Gas tightness test	ČSN EN 1859+A1 cl. 4.4	Metal chimneys
3.14	Condensate resistance test (vapour phase)	ČSN EN 13216-1 ed. 2 cl. 5.6	System chimneys
3.15	Measurement of dimension	ČSN EN 1457-1 cl. 16.1	Clay/Ceramic flue liners operating under dry conditions
	Measurement of dimension	ČSN EN 1457-2 cl. 16.1	Clay/ceramic flue liners operating under wet conditions
	Internal transverse dimensions	ČSN EN 1806 cl. 18.1	Clay/ceramic flue blocks for single wall chimneys
3.16	Measurement of height	ČSN EN 1457-1 cl. 16.2	Clay/Ceramic flue liners operating under dry conditions
	Measurement of height	ČSN EN 1457-2 cl. 16.2	Clay/ceramic flue liners operating under wet conditions
	Measurement of height	ČSN EN 1806 cl. 18.2	Clay/ceramic flue blocks for single wall chimneys
3.17	Measurement of angle of torsion	ČSN EN 1457-1 cl. 16.3	Clay/Ceramic flue liners operating under dry conditions
	Measurement of angle of torsion	ČSN EN 1457-2 cl. 16.3	Clay/ceramic flue liners operating under wet conditions
	Measurement of angle of torsion	ČSN EN 1806 cl. 18.3	Clay/ceramic flue blocks for single wall chimneys
3.18	Measurement of straightness	ČSN EN 1457-1 cl. 16.4	Clay/Ceramic flue liners operating under dry conditions

**The Appendix is an integral part of  
Certificate of Accreditation No. 197/2023 of 24/04/2023**

**Entity accredited according to ČSN EN ISO/IEC 17025:2018:**

**PAVUS, a.s.**  
Fire Testing Laboratory Veselí nad Lužnicí  
Čtvrť J. Hybeše 879, 391 81 Veselí nad Lužnicí

Ordinal number <sup>1</sup>	Test procedure/method name	Test procedure/method identification <sup>2</sup>	Test object
	Measurement of straightness	ČSN EN 1457-2 cl. 16.4	Clay/ceramic flue liners operating under wet conditions
	Measurement of straightness	ČSN EN 1806 cl. 18.4	Clay/ceramic flue blocks for single wall chimneys
3.19	Measurement of rectangularity of flue liner ends	ČSN EN 1457-1 cl. 16.5	Clay/Ceramic flue liners operating under dry conditions
	Measurement of rectangularity of flue liner ends	ČSN EN 1457-2 cl. 16.5	Clay/ceramic flue liners operating under wet conditions
	Measurement of squareness of ends	ČSN EN 1806 cl. 18.5	Clay/ceramic flue blocks for single wall chimneys
3.20	Measurement of deviation from the cross section form	ČSN EN 1457-1 cl. 16.6	Clay/Ceramic flue liners operating under dry conditions
	Measurement of deviation from the cross section form	ČSN EN 1457-2 cl. 16.6	Clay/ceramic flue liners operating under wet conditions
	Measurement of squareness of angles and flatness of walls	ČSN EN 1806 cl. 18.6	Clay/ceramic flue blocks for single wall chimneys
3.21	Proof load test	ČSN EN 1457-1 cl. 16.7	Clay/Ceramic flue liners operating under dry conditions
	Proof load test	ČSN EN 1457-2 cl. 16.7	Clay/ceramic flue liners operating under wet conditions
	Proof load test	ČSN EN 1806 cl. 18.7	Clay/ceramic flue blocks for single wall chimneys
3.22	Heat test	ČSN EN 1457-1 cl. 16.8	Clay/Ceramic flue liners operating under dry conditions
	Heat test	ČSN EN 1457-2 cl. 16.8	Clay/ceramic flue liners operating under wet conditions
	Thermal performance test	ČSN EN 1806 cl. 18.8	Clay/ceramic flue blocks for single wall chimneys
3.23	Water absorption test	ČSN EN 1457-1 cl. 16.10	Clay/Ceramic flue liners operating under dry conditions
	Water absorption test	ČSN EN 1457-2 cl. 16.10	Clay/ceramic flue liners operating under wet conditions
	Water absorption test	ČSN EN 1806 cl. 18.10	Clay/ceramic flue blocks for single wall chimneys
3.24	Abrasion resistance test	ČSN EN 1457-1 cl. 16.12	Clay/Ceramic flue liners operating under dry conditions
	Abrasion resistance test	ČSN EN 1457-2 cl. 16.12	Clay/ceramic flue liners operating under wet conditions
	Abrasion resistance test	ČSN EN 1806 cl. 18.12	Clay/ceramic flue blocks for single wall chimneys
<b>4</b>	<b>Mechanical tests of structures</b>		
4.01	Determination of resistance to repeated opening and closing	ČSN EN 1191	Windows and doors
4.02	Determination of the resistance	ČSN EN 947	Hinged or pivoted doors

**The Appendix is an integral part of  
Certificate of Accreditation No. 197/2023 of 24/04/2023**

**Entity accredited according to ČSN EN ISO/IEC 17025:2018:**

**PAVUS, a.s.**  
Fire Testing Laboratory Veselí nad Lužnicí  
Čtvrť J. Hybeše 879, 391 81 Veselí nad Lužnicí

Ordinal number <sup>1</sup>	Test procedure/method name	Test procedure/method identification <sup>2</sup>	Test object
	to vertical load		
4.03	Determination of the resistance to static torsion	ČSN EN 948	Hinged or pivoted doors
4.04	Determination of door resistance to soft and heavy body impact	ČSN EN 949	Windows, doors, curtain walling, blinds and shutters
4.05	Determination of resistance to heavy body impact	ČSN EN 950	Door leaves
<b>5</b>	<b>Firefighting systems</b>		
5.01	Tests of resistance to internal overpressure	ČSN EN 1074-1 Annex A	Valves for water supply
	Tests of resistance to differential pressure	ČSN EN 1074-1 Annex B	Valves for water supply
	Test for resistance to internal pressure and leakage	ČSN EN 12094-5 cl. 5.5.1	High and low pressure selector valves and their actuators of firefighting systems
	Pressure resistance test	ČSN EN 12259-4 Annex A	Water motor alarms
	Testing of internal pressure resistance	ČSN EN 671-1 ed. 2 Annex F.7	Hose reels with semi-rigid hose
	Testing of internal pressure resistance	ČSN EN 671-2 ed. 2 Annex E.5	Hose systems with lay-flat hose
5.02	Leakage tests at external overpressure	ČSN EN 1074-1 Annex D	Valves for water supply
	Leakage test	ČSN EN 12094-4 cl. 5.7	Components for gas extinguishing systems
	Leakage test	ČSN EN 12094-8 cl. 5.4	Connectors
	Leakage test	ČSN EN 12094-13 cl. 5.6	Check valves
	Leakage test	ČSN EN 12259-1+A1 Annex H	Sprinklers
	Leakage test	ČSN EN 12259-2 Annex I	Wet alarm valve assemblies
	Leakage test	ČSN EN 12259-3 Annex G	Dry alarm valve assemblies
	Installation pressure leak resistance test	ČSN EN 12259-3 Annex J	Dry alarm valve assemblies
5.03	Leakage test	ZP-18/2002 (ČSN EN 12259-1:2000)	Components of FFS, gas and water valves, fire-fighting branchpipes, hoses, connectors, buddy lines, pipes and pipe systems
	Internal pressure test	ČSN EN 12094-4 cl. 5.5	Components for gas extinguishing systems
	Internal pressure test	ČSN EN 12094-13 cl. 5.4	Check valves
	Internal pressure test	ČSN EN 12416-1+A2 Annex B	Components
	Hydrostatic pressure test	ČSN EN 13565-1 Annex A	Components
	Proof pressure hold test	ČSN EN ISO 1402 cl. 8.1	Rubber and plastic hoses and hose assemblies
	Burst pressure test	ČSN EN ISO 1402 cl. 8.3	Rubber and plastic hoses and hose assemblies
	Kink pressure test	ČSN EN 15889 Annex C	Fire-fighting hoses
	Test for fire-fighting hose assemblies	ČSN EN 15889 Annex L	Fire-fighting hoses



**The Appendix is an integral part of  
Certificate of Accreditation No. 197/2023 of 24/04/2023**

**Entity accredited according to ČSN EN ISO/IEC 17025:2018:**

**PAVUS, a.s.**  
Fire Testing Laboratory Veselí nad Lužnicí  
Čtvrť J. Hybeše 879, 391 81 Veselí nad Lužnicí

Ordinal number <sup>1</sup>	Test procedure/method name	Test procedure/method identification <sup>2</sup>	Test object
	Kink pressure test	ČSN EN 1947 Annex A	Semi-rigid delivery hoses and hose assemblies for pumps and vehicles
	Proof pressure test	ČSN 80 8715 cl. 3.3	Insulated and two-side coated pressure fire-fighting hoses
5.04	Strength test	ČSN EN 12094-4 cl. 5.6	Components for gas extinguishing systems
	Strength test	ČSN EN 12094-5 cl. 5.6	High and low pressure selector valves and their actuators of firefighting systems
	Strength test	ČSN EN 12094-8 cl. 5.5	Connectors
	Strength test	ČSN EN 12094-13 cl. 5.5	Check valves
	Sprinkler body strength test	ČSN EN 12259-1+A1 Annex F.1	Sprinklers
	Strength test of body and cover	ČSN EN 12259-2 Annex B	Wet alarm valve assemblies
	Delayer strength test	ČSN EN 12259-2 Annex J	Wet alarm valve assemblies
	Strength test of body and cover	ČSN EN 12259-3 Annex B	Dry alarm valve assemblies
	Strength test	ČSN EN 12416-1+A2 Annex L	Components
	Strength test	ČSN EN 671-1 ed. 2 Annex F.8	Hose reels with semi-rigid hose
	Strength test	ZP-19/2002 (ČSN EN 12259-1:2000)	Components of FFS, gas and water valves, fire-fighting branchpipes, hoses, connectors, buddy lines, pipes and pipe systems
5.05	Body tightness and resistance to deformation	ČSN EN 12259-3 Annex E.1	Dry alarm valve assemblies
	Seal tightness and resistance to deformation	ČSN EN 12259-3 Annex E.2	Dry alarm valve assemblies
	Determination of buddy line tightness and strength	ČSN 80 8715 cl. 3.2	Insulated and two-side coated pressure fire-fighting hoses
5.06	Tests of bending resistance	ČSN EN 1074-1 Annex C	Valves for water supply
	Bending resistance test	ČSN EN 1074-6 Annex A	Hydrants
5.07	Test of resistance to service load	ČSN EN 1074-2 Annex A	Isolating valves
5.08	Torque test	ČSN EN 1074-2 Annex B	Isolating valves
5.09	Functional test	ČSN EN 1074-2 Annex C	Isolating valves
	Functional test	ČSN EN 1074-6 Annex C	Hydrants
5.10	Durability test	ČSN EN 1074-2 Annex D	Isolating valves
	Durability test	ČSN EN 1074-6 Annex D	Hydrants
5.11	Test of resistance to a force above ground level	ČSN EN 1074-6 Annex B	Hydrants
5.12	Draining system performance test	ČSN EN 1074-6 Annex E	Hydrants
5.13	Test of function	ČSN EN 12094-4 cl. 5.4	Components for gas extinguishing systems, container valve assemblies and their actuators

**The Appendix is an integral part of  
Certificate of Accreditation No. 197/2023 of 24/04/2023**

**Entity accredited according to ČSN EN ISO/IEC 17025:2018:**

**PAVUS, a.s.**  
Fire Testing Laboratory Veselí nad Lužnicí  
Čtvrť J. Hybeše 879, 391 81 Veselí nad Lužnicí

Ordinal number <sup>1</sup>	Test procedure/method name	Test procedure/method identification <sup>2</sup>	Test object
5.14	Operational reliability test	ČSN EN 12094-4 cl. 5.8	Components for gas extinguishing systems
5.15	Low and high temperature test	ČSN EN 12094-4 cl. 5.9	Components for gas extinguishing systems
	Heat resistance test	ČSN EN 12259-1+A1 Annex O	Sprinklers
	Test of resistance to low temperature	ČSN EN 12259-1+A1 Annex R	Sprinklers
	Test of resistance to temperature	ČSN EN 12259-4 Annex B	Water motor alarms
	Test at high temperature	ČSN EN 12416-1+A2 Annex F	Components
	Test at low temperature	ČSN EN 15276-1 cl. 7.6.3	Components of condensed aerosol extinguishing systems
	Fire exposure test	ČSN EN 15276-1 cl. 7.15.2	Components of condensed aerosol extinguishing systems
5.16	Test of resistance to stress corrosion	ČSN EN 12094-4 cl. 5.12	Components of FFS – container valves for gas extinguishing systems
	Resistance test to increased corrosion	ČSN EN 12094-5 cl. 5.11	Components of FFS – selector valves for gas extinguishing systems
	Resistance test to increased corrosion	ČSN EN 12094-7 cl. 5.10	Components of FFS –CO <sub>2</sub> system nozzles
	Resistance to increased corrosion test	ČSN EN 12094-13 cl. 5.11	Components of FFS – Check valves and non-return valves for gas extinguishing systems
	Corrosion tests	ČSN EN 12259-1+A1 Annex K Tests K.1 a K.2	Components of FFS - Sprinklers
	Stress corrosion test	ČSN EN 12416-1+A2 Annex K	Components of powder FFS
	Test of increased corrosion resistance	ČSN EN 15276-1 cl. 7.9	Components of aerosol FFS
5.17	Functional test	ČSN EN 12094-5 cl. 5.4	Components of FFS – selector valves for gas extinguishing systems
	Test for operational reliability	ČSN EN 12094-5 cl. 5.7	Components of FFS – selector valves for gas extinguishing systems
5.18	Test of resistance to internal pressure and leakage	ČSN EN 12094-5 cl. 5.5.2	High and low pressure selector valves and their actuators
5.19	Test of flow characteristics data	ČSN EN 12094-5 cl. 5.9	Components of FFS – selector valves for gas extinguishing systems
	Determination of flow rate	ČSN EN 12094-7 cl. 5.5	Components of FFS - Nozzles CO <sub>2</sub> systems
	Water flow test	ČSN EN 12259-1+A1 Annex C	Components of FFS - Sprinklers

**The Appendix is an integral part of  
Certificate of Accreditation No. 197/2023 of 24/04/2023**

**Entity accredited according to ČSN EN ISO/IEC 17025:2018:**

**PAVUS, a.s.**  
Fire Testing Laboratory Veselí nad Lužnicí  
Čtvrť J. Hybeše 879, 391 81 Veselí nad Lužnicí

Ordinal number <sup>1</sup>	Test procedure/method name	Test procedure/method identification <sup>2</sup>	Test object
	Test of resistance under flow conditions	ČSN EN 12259-2 Annex E.1	Components of FFS - Wet alarm valve assemblies
	Test of flow characteristic	ČSN EN 13565-1 Annex E	Components of FFS – Foam systems
	Test of water flow	ČSN P CEN/TS 14972:2012 Annex D Test 2	Components of FFS – Watermist systems
	Flow test	ČSN EN 671-1 ed. 2 Annex E.4.1	Hose reels with semi-rigid hose
	Measurement of flow	ZP-20/2002 (ČSN EN 671-1:2002)	Fixed firefighting systems components, gas and water fittings, fire fighting branchpipes, hoses, connections, tie-ups, pipes and piping systems
5.20	Test of control force	ČSN EN 12094-5 cl. 5.13	High and low pressure selector valves and their actuators
	Test of control moment	ČSN EN 671-1 ed. 2 Annex E.2	Hose reels with semi-rigid hose
	Test of control moment	ČSN EN 671-2 ed. 2 Annex E.2	Hose systems with lay-flat hose
5.21	Test of spray flow velocity	ČSN EN 12094-7 cl. 5.4.2.2	Nozzles for CO <sub>2</sub> systems
	Jet velocity test	ČSN EN 12416-1+A2 Annex M	Components
5.22	Test of resistance to pressure and heat	ČSN EN 12094-7 cl. 5.6	Nozzles for CO <sub>2</sub> systems
	Test of resistance of flexible joints of type 2 to pressure and heat	ČSN EN 12094-8 cl. 5.6	Connectors
5.23	Test of resistance to rapid heating and cooling	ČSN EN 12094-7 cl. 5.7	Nozzles for CO <sub>2</sub> systems
5.24	Test of resistance of flexible joint of type 2 to heat and rapid cooling	ČSN EN 12094-8 cl. 5.7	Connectors
5.25	Functional test at high and low temperature	ČSN EN 12094-13 cl. 5.9	Components of FFS – Check valves and non-return valves for gas extinguishing systems
5.26	Determination of opening temperature	ČSN EN 12259-1+A1 Annex B	Fusible link sprinklers and glass bulb sprinklers
5.27	Water distribution test	ČSN EN 12259-1+A1 Annex D.1	Conventional pattern sprinkler and flat spray pattern sprinklers (including dry types)
	Water distribution test	ČSN EN 12259-1+A1 Annex D.2	Sidewall pattern sprinklers
	Water distribution test	ČSN EN 12259-1+A1 Annex D.3	Water distribution above and below the splitter
5.28	Functional test	ČSN EN 12259-1+A1 Annex E	Components of FFS - Sprinklers

**The Appendix is an integral part of  
Certificate of Accreditation No. 197/2023 of 24/04/2023**

**Entity accredited according to ČSN EN ISO/IEC 17025:2018:**

**PAVUS, a.s.**  
Fire Testing Laboratory Veselí nad Lužnicí  
Čtvrť J. Hybeše 879, 391 81 Veselí nad Lužnicí

Ordinal number <sup>1</sup>	Test procedure/method name	Test procedure/method identification <sup>2</sup>	Test object
5.29	Thermal impact test	ČSN EN 12259-1+A1 Annex J	Glass bulb sprinklers
5.30	Impact test	ČSN EN 12259-1+A1 Annex Q	Sprinklers
	Impact resistance test	ČSN EN 671-1 ed. 2 Annex E.1	Hose reels with semi-rigid hose
	Impact resistance test	ČSN EN 671-2 ed. 2 Annex E.1	Hose systems with lay-flat hose
5.31	Fire test of body and cover	ČSN EN 12259-2 Annex A	Wet alarm valve assemblies
	Fire test of body and cover	ČSN EN 12259-3 Annex A	Dry alarm valve assemblies
5.32	Test of alarm and sensitivity characteristics	ČSN EN 12259-2 Annex C.1	Wet alarm valve assemblies
5.33	Test of resistance to return flow and deformation	ČSN EN 12259-2 Annex C.2	Wet alarm valve assemblies
5.34	Cyclic test of failure resistance	ČSN EN 12259-2 Annex E.2	Components of FFS – Wet alarm valve assemblies
5.35	Flow tests of dry pipe valves	ČSN EN 12259-3 Annex C	Dry alarm valve assemblies
	Test of K-factor	ČSN EN 12259-4 Annex G	Water motor alarms
	Test of maximum flow and back pressure	ČSN EN 13565-1 Annex J	Components
	Minimum flow test	ČSN EN 671-2 ed. 2 Annex E.4.1	Hose systems with lay-flat hose
	Tests of flow characteristic during the effect of heat and cold	ZP-22/2002, (ČSN EN 12259-1:2000)	Fire safety equipment, gas and water fittings, fire fighting branchpipes, hoses, connections, tie-ups, pipes and piping systems, extinguishing media
5.36	Test of minimum reaction pressure	ČSN EN 12259-4 Annex E.2	Water motor alarms
5.37	Test of foam-making equipment resistance to heat and flame	ČSN EN 13565-1 Annex D	Components
5.38	High expansion foam generator test	ČSN EN 13565-1 Annex G	High expansion foam generator
	Determination of foaming and foam decomposition time	ČSN EN 1568-1 ed.2 Annex B ČSN EN 1568-1 ed.2 Annex E ČSN EN 1568-1 ed.2 Annex G	Medium expansion foam concentrates for water-immiscible liquids
	Determination of foaming and foam decomposition time	ČSN EN 1568-2 ed.2 Annex B ČSN EN 1568-2 ed.2 Annex E ČSN EN 1568-2 ed.2 Annex G	High expansion foam concentrates for water-immiscible liquids
	Determination of foaming and foam decomposition time	ČSN EN 1568-3 ed.2 Annex B ČSN EN 1568-3 ed.2 Annex E ČSN EN 1568-3 ed.2 Annex G	Low expansion foam concentrates for water-immiscible liquids
	Determination of foaming and foam decomposition time	ČSN EN 1568-4 ed.2 Annex B ČSN EN 1568-4 ed.2 Annex E ČSN EN 1568-4 ed.2 Annex G	Low expansion foam concentrates for water-immiscible liquids
5.39	Range tests for branchpipes	ČSN EN 13565-1 Annex H	Branchpipes (manual and monitor assemblies)

**The Appendix is an integral part of  
Certificate of Accreditation No. 197/2023 of 24/04/2023**

**Entity accredited according to ČSN EN ISO/IEC 17025:2018:**

**PAVUS, a.s.**  
Fire Testing Laboratory Veselí nad Lužnicí  
Čtvrť J. Hybeše 879, 391 81 Veselí nad Lužnicí

Ordinal number <sup>1</sup>	Test procedure/method name	Test procedure/method identification <sup>2</sup>	Test object
	Spray range test	ČSN EN 671-1 ed. 2 Annex E.4.2	Hose reels with semi-rigid hose
	Measurement of fire stream range	ZP-21/2002 (ČSN EN 671-2:2002)	Firefighting branchpipes
5.40	Foam surface spreading tests	ČSN EN 13565-1 Annex I	Spray and foam-water spray nozzles
5.41	Measurement of dimensions and test of operating parameters	ČSN EN 14339 cl. 5	Underground fire hydrants
	Measurement of dimensions and test of flow parameters	ČSN EN 14384 cl. 5	Pillar fire hydrants
5.42	Test of extinguishing ability	ČSN EN 14972-3 ČSN EN 14972-8 ČSN EN 14972-9 ČSN EN 14972-14 ČSN EN 14972-15 ČSN EN 14972-16	Watermist systems
	Test for determination of extinction and covering coefficient	ČSN EN 15276-1 Annex A	Components of condensed aerosol extinguishing systems
	Determination of testing extinguishing efficiency	ČSN EN 1568-1 ed.2 Annex B ČSN EN 1568-1 ed.2 Annex E ČSN EN 1568-1 ed.2 Annex H	Medium expansion foam concentrates for water-immiscible liquids
	Determination of testing extinguishing efficiency	ČSN EN 1568-3 ed.2 Annex B ČSN EN 1568-3 ed.2 Annex E ČSN EN 1568-3 ed.2 Annex H	Low expansion foam concentrates for water-immiscible liquids
	Determination of testing extinguishing efficiency	ČSN EN 1568-4 ed.2 Annex B ČSN EN 1568-4 ed.2 Annex E ČSN EN 1568-4 ed.2 Annex H	Low expansion foam concentrates for water-immiscible liquids
	Test of extinguishing efficiency	ČSN EN 1866-1 cl. 8	Mobile fire extinguishers
	Test of extinguishing efficiency	ČSN EN 1869 Annex C	Fire blankets
	Test of extinguishing efficiency	ČSN EN 3-7+A1 cl. 1 ČSN EN 3-7+A1 cl. 2 ČSN EN 3-7+A1 cl. 3 ČSN EN 3-7+A1 Annex I	Portable fire extinguishers
	Tests of extinguishing efficiency	ČSN EN 615 cl. 8	Powders
5.43	Flow and sprinkle range test	ČSN EN 15182-3 cl. 5.3	Full throttle and/or shower branchpipes
5.44	Discharge test	ČSN EN 15276-1 cl. 7.14.1	Components of condensed aerosol extinguishing systems
5.45	Accelerated ageing test	ČSN EN 15276-1 cl. 7.7	Components of condensed aerosol extinguishing systems
	Accelerated ageing test	ČSN EN 15889 Annex D	Fire-fighting hoses
5.46	Aerosol flow temperature test	ČSN EN 15276-1 cl. 7.12	Components of aerosol FFS
5.47	Function test	ČSN EN 15276-1 cl. 7.14	Components of aerosol FFS

**The Appendix is an integral part of  
Certificate of Accreditation No. 197/2023 of 24/04/2023**

**Entity accredited according to ČSN EN ISO/IEC 17025:2018:**

**PAVUS, a.s.**  
Fire Testing Laboratory Veselí nad Lužnicí  
Čtvrť J. Hybeše 879, 391 81 Veselí nad Lužnicí

Ordinal number <sup>1</sup>	Test procedure/method name	Test procedure/method identification <sup>2</sup>	Test object
5.48	Determination of thickness of external hose layer	ČSN EN 15889 Annex A	Fire-fighting hoses
5.49	Pressure loss test	ČSN EN 15889 Annex I	Fire-fighting hoses
5.50	Test of resistance to flattening	ČSN EN 15889 Annex K	Fire-fighting hoses
5.51	Test of the resistance to the failure	ČSN EN 1866-2 Annex E	Hose assemblies with connected elements
	Test of the resistance to the failure	ČSN EN 1866-3 Annex C	Mobile fire extinguishers
5.52	Determination of bulk density	ČSN EN 615 Annex A	Powders
5.53	Testing of resistance to sintering and agglomerating	ČSN EN 615 Annex C	Powders
5.54	Testing of water repellence	ČSN EN 615 Annex D	Powders
5.55	Testing of moisture content	ČSN EN 615 Annex E	Powders
5.56	Testing of resistance to corrosion of watered parts	ČSN EN 671-1 ed. 2 Annex D	Hose reels with semi-rigid hose
	Testing of resistance to corrosion of watered parts	ČSN EN 671-2 ed. 2 Annex D	Hose systems with lay-flat hose
5.57	Measurement of spray flow angle	ČSN EN 671-1 ed. 2 Annex E.3	Hose reels with semi-rigid hose
	Measurement of spray flow angle	ČSN EN 671-2 ed. 2 Annex E.3	Hose systems with lay-flat hose
5.58	Rotating test	ČSN EN 671-1 ed. 2 Annex F.2	Hose reels with semi-rigid hose
5.59	Swinging test	ČSN EN 671-1 ed. 2 Annex F.3	Hose reels with semi-rigid hose
5.60	Testing of unreeling force	ČSN EN 671-1 ed. 2 Annex F.4	Hose reels with semi-rigid hose
5.61	Testing of dynamic braking	ČSN EN 671-1 ed. 2 Annex F.5	Hose reels with semi-rigid hose
5.62	Testing of resistance to impact and load	ČSN EN 671-1 ed. 2 Annex F.6	Hose reels with semi-rigid hose
5.63	Deflection measurement under pressure	ČSN EN ISO 1402 cl. 8.2	Rubber and plastics hoses and hose assemblies
5.64	Determination of destruction pressure	ČSN 80 8715 cl. 3.4	Insulated and two-side coated pressure fire hoses
5.65	Determination of elongation	ČSN 80 8715 cl. 3.5	Insulated and two-side coated pressure fire hoses
<b>6</b>	<b>Fire technical properties</b>		
6.01	Ignition test - Ignition source: smouldering cigarette	ČSN EN 1021-1	Upholstered furniture
	Ignitability test – ignition source – smouldering cigarette	ČSN EN 597-1	Mattresses and upholstered bed bases
	Ignition test - Ignition source: smouldering cigarette	ISO 8191-1	Upholstered furniture
6.02	Ignition test - Ignition source: match flame equivalent	ČSN EN 1021-2	Upholstered furniture
	Ignitability test – ignition source - match flame equivalent	ČSN EN 597-2	Mattresses and upholstered bed bases
	Ignition test - Ignition source:	ISO 8191-2	Upholstered furniture

**The Appendix is an integral part of  
Certificate of Accreditation No. 197/2023 of 24/04/2023**

**Entity accredited according to ČSN EN ISO/IEC 17025:2018:**

**PAVUS, a.s.**  
Fire Testing Laboratory Veselí nad Lužnicí  
Čtvrť J. Hybeše 879, 391 81 Veselí nad Lužnicí

Ordinal number <sup>1</sup>	Test procedure/method name	Test procedure/method identification <sup>2</sup>	Test object
	match flame equivalent		
6.03	Determination of burning behaviour – Ignitability of vertically oriented specimens (small flame)	ČSN EN 1101 + Amendment A1 except cl. 4 (ČSN EN ISO 6940)	Curtains and drapes
	Determination of burning behaviour of industrial and technical textiles - Ignitability of vertically oriented specimens	ČSN EN 1625 except cl. 4	Industrial and technical textiles
	Determination of burning behaviour – Ease of ignition of vertically oriented specimens	ČSN EN ISO 6940	Textile fabrics
6.04	Determination of burning behaviour – flame spread of vertically oriented specimens	ČSN EN 1102 except cl. 5	Curtains and drapes
	Determination of burning behaviour – Burning behaviour of fabrics for apparel	ČSN EN 1103 except cl. 4	Fabrics for apparel
	Determination of burning behaviour of industrial and technical textiles – the flame spread of vertically oriented specimens	ČSN EN 1624 except cl. 4	Industrial and technical textiles
	Determination of burning behaviour – Measurement of flame spread properties of vertically oriented specimens	ČSN EN ISO 6941	Textile fabrics
6.05	Determination of organic content	ČSN EN 13820	Thermal insulating materials
6.06	Determination of maximum service temperature	ČSN EN 14706	Thermal insulating products
6.07	Flammability test	ČSN EN 71-2	Toys
6.08	Determination of burning behaviour of interior materials	ČSN ISO 3795	Vehicle interior materials
	Determination of burning behaviour of interior materials	DIN 75200	Vehicle interior materials
	Determination of flammability of interior materials	GMI 60261	Vehicle interior materials
6.09	Intermediate-scale test of vertical spread of flame with vertically oriented specimen	ISO 5658-4	Building materials
6.10	Determination of flame propagation along the surface of building materials	ČSN 73 0863	Building materials
6.11	Determination of the Expansion Ratio	EOTA TR 024 Annex A1	Intumescent materials

**The Appendix is an integral part of  
Certificate of Accreditation No. 197/2023 of 24/04/2023**

**Entity accredited according to ČSN EN ISO/IEC 17025:2018:**

**PAVUS, a.s.**  
Fire Testing Laboratory Veselí nad Lužnicí  
Čtvrť J. Hybeše 879, 391 81 Veselí nad Lužnicí

Ordinal number <sup>1</sup>	Test procedure/method name	Test procedure/method identification <sup>2</sup>	Test object
6.12	Test for vertical flame propagation	UL 1581 (UL VW-1)	Electrical wires, cables
<b>7</b>	<b>Special tests</b>		
7.01	Reaction-to-fire tests	ČSN ISO 13785-1	Façades
7.02	Reaction-to-fire tests	ISO 13785-2	Façades
7.03	Test of fire performance of facades	ZP-32/2022	External thermal insulation composite system (ETICS)

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

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

**Accreditation for authorization/notification purposes:**

Ordinal number	Product / Product group	Conformity assessment procedure / Module / AVCP system	Basic requirements / Harmonized technical specifications: Product specifications / Properties / Technical standards
<b>8</b>	<b>Construction products acc. to Regulation of the European Parliament and of the Council (EU) No. 305/2011 of 9 March 2011 (Construction Products Regulation - CPR), system 3</b>		
8.1	<b>Precast normal/ lightweight concrete / autoclaved aerated concrete products</b>		
8.1.1	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
8.2	<b>Doors, windows, shutters, gates and related finish hardware</b>		
8.2.1	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
8.2.2	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



**The Appendix is an integral part of  
Certificate of Accreditation No. 197/2023 of 24/04/2023**

**Entity accredited according to ČSN EN ISO/IEC 17025:2018:**

**PAVUS, a.s.**  
Fire Testing Laboratory Veselí nad Lužnicí  
Čtvrť J. Hybeše 879, 391 81 Veselí nad Lužnicí

Ordinal number	Product / Product group	Conformity assessment procedure / Module / AVCP system	Basic requirements / Harmonized technical specifications: Product specifications / Properties / Technical standards
8.3	<b>Membranes, including liquid applied and kits (for water and/or vapour control)</b>		
8.3.1	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
8.3.2	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
8.4	<b>Thermal insulation products. Composite insulation kits or systems</b>		
8.4.1	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
8.5	<b>Chimneys, flues and specific products</b>		
8.5.1	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,</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

**The Appendix is an integral part of  
Certificate of Accreditation No. 197/2023 of 24/04/2023**

**Entity accredited according to ČSN EN ISO/IEC 17025:2018:**

**PAVUS, a.s.**  
Fire Testing Laboratory Veselí nad Lužnicí  
Čtvrť J. Hybeše 879, 391 81 Veselí nad Lužnicí

Ordinal number	Product / Product group	Conformity assessment procedure / Module / AVCP system	Basic requirements / Harmonized technical specifications: Product specifications / Properties / Technical standards
	<i>Commission Decision 2010/679/EU)</i>		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
<b>8.6</b>	<b>Gypsum products</b>		
8.6.1	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
8.6.2	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
8.6.3	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
<b>8.7</b>	<b>Geotextiles, geomembranes and related products</b>		
8.7.1	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</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

**The Appendix is an integral part of  
Certificate of Accreditation No. 197/2023 of 24/04/2023**

**Entity accredited according to ČSN EN ISO/IEC 17025:2018:**

**PAVUS, a.s.**  
Fire Testing Laboratory Veselí nad Lužnicí  
Čtvrť J. Hybeše 879, 391 81 Veselí nad Lužnicí

Ordinal number	Product / Product group	Conformity assessment procedure / Module / AVCP system	Basic requirements / Harmonized technical specifications: Product specifications / Properties / Technical standards
	<i>2015/1958/ES / Commission Decision 596/581/ES</i>		
8.8	<b>Curtain walling/sheathing/structural sealed glazing</b>		
8.8.1	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
8.9	<b>Products and elements of structural wood and accessories</b>		
8.9.1	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
8.10	<b>Wood based panels and elements</b>		
8.10.1	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
8.11	<b>Masonry and related products. Masonry units, mortars and ancillaries</b>		
8.11.1	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
8.11.2	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
8.12	<b>Floorings</b>		
8.12.1	Product group flooring and outdoor surfaces (2/2) Products for solid floors A) Components	Regulation of the European Parliament and of the Council	ČSN EN 12057 ČSN EN 12058 ČSN EN 13813

**The Appendix is an integral part of  
Certificate of Accreditation No. 197/2023 of 24/04/2023**

**Entity accredited according to ČSN EN ISO/IEC 17025:2018:**

**PAVUS, a.s.**

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

Ordinal number	Product / Product group	Conformity assessment procedure / Module / AVCP system	Basic requirements / Harmonized technical specifications: Product specifications / Properties / Technical standards
	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>	(EU) No. 305/2011 System 3	ČSN EN 14041 ČSN EN 14342 ČSN EN 14411 ed. 2
8.12.2	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
8.12.3	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
8.13	<b>Indoor and outdoor coating of walls and ceilings. Internal partition kits</b>		
8.13.1	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
8.13.2	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</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

**The Appendix is an integral part of  
Certificate of Accreditation No. 197/2023 of 24/04/2023**

**Entity accredited according to ČSN EN ISO/IEC 17025:2018:**

**PAVUS, a.s.**

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

Ordinal number	Product / Product group	Conformity assessment procedure / Module / AVCP system	Basic requirements / Harmonized technical specifications: Product specifications / Properties / Technical standards
	<i>98/437/ES, as amended by Commission Decision 2001/596/ES)</i>		
8.13.3	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+A2 ČSN EN 12467 ed. 2 ČSN EN 14716 ČSN EN 14915 ČSN EN 15102+A1 EAD 210024-00-0504
8.13.4	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
8.13.5	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
8.14	<b>Roof coverings, roof lights, roof windows and ancillary products, roof kits</b>		
8.14.1	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
8.14.2	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

**The Appendix is an integral part of  
Certificate of Accreditation No. 197/2023 of 24/04/2023**

**Entity accredited according to ČSN EN ISO/IEC 17025:2018:**

**PAVUS, a.s.**  
Fire Testing Laboratory Veselí nad Lužnicí  
Čtvrť J. Hybeše 879, 391 81 Veselí nad Lužnicí

Ordinal number	Product / Product group	Conformity assessment procedure / Module / AVCP system	Basic requirements / Harmonized technical specifications: Product specifications / Properties / Technical standards
			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
8.14.3	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
8.14.4	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
8.14.5	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
8.14.6	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

**The Appendix is an integral part of  
Certificate of Accreditation No. 197/2023 of 24/04/2023**

**Entity accredited according to ČSN EN ISO/IEC 17025:2018:**

**PAVUS, a.s.**  
Fire Testing Laboratory Veselí nad Lužnicí  
Čtvrť J. Hybeše 879, 391 81 Veselí nad Lužnicí

Ordinal number	Product / Product group	Conformity assessment procedure / Module / AVCP system	Basic requirements / Harmonized technical specifications: Product specifications / Properties / Technical standards
8.15	<b>Road construction products</b>		
8.15.1	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
8.16	<b>Products related to concrete, mortar and grout</b>		
8.16.1	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
8.17	<b>Tubes, tanks and ancillaries, which are not in contact with water intended for human consumption</b>		
8.17.1	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
8.18	<b>Joint sealants</b>		
8.18.1	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
8.19	<b>Products for fire stopping, fire sealing and fire protection and retardation products</b>		
8.19.1	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

**The Appendix is an integral part of  
Certificate of Accreditation No. 197/2023 of 24/04/2023**

**Entity accredited according to ČSN EN ISO/IEC 17025:2018:**

**PAVUS, a.s.**  
Fire Testing Laboratory Veselí nad Lužnicí  
Čtvrť J. Hybeše 879, 391 81 Veselí nad Lužnicí

**2. Workplace Brno**

**Tests:**

Ordinal number <sup>1</sup>	Test procedure/method name	Test procedure/method identification <sup>2</sup>	Test object
<b>1</b>	<b>Reaction to fire for buildings products</b>		
1.01	Determining the reaction to fire Exposure to the thermal attack by a single burning item	ČSN EN 13823+A1	Building products (excluding floorings)
1.02	Unoccupied		
1.03	Non-combustibility test	ČSN EN ISO 1182	Building products
1.04	Determining the ignitability Subjection to direct impingement of flame – Single flame source test	ČSN EN ISO 11925-2	Building products
1.05	Determining the gross heat of combustion	ČSN EN ISO 1716	Products
1.06	Determining the burning behaviour using a radiant heat source	ČSN EN ISO 9239-1	Floorings

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

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

**Explanations and abbreviations:**

ASTM	The American Society for Testing and Materials
BS	British Standard
CEN	European Committee for Standardization
CEN/TS	European Committee for Standardization / Technical specification
DIN	Deutsche Industrienorm
EOTA	European Organisation for Technical Approvals
FprEN	Final draft European Standard
GMI	General Motors International Standard
ÖNORM	Österreichische Norm (Austrian Standard)
PBZ	Fire safety equipment
FFS	Fixed Firefighting Systems
UL	UL (Global independent safety science company)
TR	Technical report
ZP	Test procedure developed on the basis of ČSN and draft standards ISO, CEN