



REPUBLIC OF BULGARIA
Executive agency
Bulgarian accreditation service



Signatory to the EA Multilateral Agreement in this field

ORDER

№ A 99

Sofia, 20.03.2025

Pursuant to Art.10, para.1, item 2a of the Law on National Accreditation of Conformity Assessment Bodies in connection with assessment report reg. № 56/61 ЛИ/9/В/18.02.2025 and EA BAS order reg. № A 90/13.03.2025, I hereby

AMEND

EA BAS order reg. № 166/09.05.2024, as follows:

**LABKONSULT PLUS LTD.
TESTING LABORATORY**

Management address: 1700 Sofia, Lozenets Municipality, 18A, Simeonovsko Shosse Str.

Laboratory address: 1540 Sofia, Airport Sofia, North District

To perform testing of:

Type of the scope: <i>flexible</i>			
№	Tested products	Type of test/ Characteristic	Testing methods (standard/validated method)
1	2	3	4
1.	PIPES, FITTINGS, ELEMENTS AND SYSTEMS OF PIPELINES – PLASTIC, PRE-INSULATED, CERAMIC, METAL. SANITARY TAPWARE AND INDUSTRIAL VALVES		
1.1.	Pipes, gutters, fittings, valves, mounting elements, systems and materials of plastics	1.1.1. Appearance and colour	БДС EN 12201-2,3,4; БДС EN 14758-1; БДС EN ISO 15875-1,2,3; БДС EN 1519-1; БДС EN 12666-1+A1; БДС EN 1555-2,3,4; БДС EN ISO 1452-2,3,4; БДС EN 1453-1; БДС EN 1329-1; БДС EN 1401-1+A1; БДС EN 12200-1; БДС EN 1451-1; БДС EN 1852-1+A1; БДС EN 1455-1; БДС EN ISO 15874-2,3; БДС EN ISO 15876-2,3; БДС EN 13476-1; БДС EN 13476-2,3+A1;

Type of the scope: <i>flexible</i>			
№	Tested products	Type of test/ Characteristic	Testing methods (standard/validated method)
1	2	3	4
			БДС EN ISO 21003-2,3; ISO 17484-1; БДС EN ISO 22391-2,3; ISO 16422-1,2 БДС ISO 17885; БДС EN 17176-2+A1; СД CEN/TS 17176-3
		1.1.2. Dimensions (Geometrical characteristics)	БДС EN ISO 3126; ISO 161-1; БДС EN ISO 228-1; ISO 265-1; БДС EN 1254-2,3, 20; БДС EN 10226-1
		1.1.3. Hydrostatic strength (resistance to internal hydrostatic pressure) for pipes/fittings with a diameter up to 1000 mm	БДС EN ISO 1167-1,2,3,4; БДС EN 917; БДС EN ISO 3458; БДС ISO 17885; БДС EN 12106; ISO 5208; ISO 17456; ISO 16422-1,2 БДС EN 12201-3, Annex D; БДС EN 1555-3, Annex.B
		1.1.4. Longitudinal reversion	БДС EN ISO 2505
		1.1.5. Tensile strength / yield strength/ at break (rupture)	БДС EN ISO 527-1,2,3; БДС EN ISO 3167; БДС EN ISO 6259-1,2,3
		1.1.6. Tensile elongation / in yield strength / at break (rupture)	БДС EN ISO 527-1,2,3; БДС EN ISO 3167; БДС EN ISO 6259-1,2,3
		1.1.7. Melt flow rate	БДС EN ISO 1133-1,2
		1.1.8. Impact resistance of tees	БДС EN 1716; ISO 13957
		1.1.9. Leak tightness under internal pressure subjected to bending/ resistance to bending between supports / during and after bending load	БДС EN ISO 3503; БДС EN ISO 3458; БДС EN ISO 13783; БДС EN ISO 13845; БДС EN ISO 1167 -1,2,3,4; БДС EN ISO 8233 БДС EN 1680; БДС EN 12100
		1.1.10. Leak tightness under internal pressure	БДС EN ISO 3458; БДС ISO 17885; БДС EN ISO 13783; БДС EN ISO 13845; БДС EN ISO 1167-1,2,3,4; БДС EN 917
		1.1.11. Density	БДС EN ISO 1183-1
		1.1.12. Resistance to pull-out and leak tightness under constant longitudinal force	БДС EN ISO 3501; ISO 17484-1

Type of the scope: flexible

№	Tested products	Type of test/ Characteristic	Testing methods (standard/validated method)
1	2	3	4
		1.1.13. Resistance (tensile strength) - of butt welding/ of fabricated and mechanical fittings	ISO 13953; ISO 13951; БДC ISO 17885
		1.1.14. Vicat softening temperature VST	БДC EN ISO 306; БДC EN ISO 2507-1,2,3
		1.1.15. Water content	БДC EN ISO 1269; БДC EN ISO 15512
		1.1.16. Ring stiffness/ creep ratio	БДC EN ISO 9969; ISO 13966; БДC EN ISO 13967; БДC EN ISO 9967
		1.1.17. Cross-linking degree of PE	БДC EN ISO 10147
		1.1.18. Volatile matter content	БДC EN ISO 1269; БДC EN 12099
		1.1.19. Resistance to slow propagation of crack growth in notched pipes (Notch test)	БДC EN ISO 13479; БДC EN ISO 1167-1,2
		1.1.20. Resistance to slow propagation of crack growth in pipes (Cone test)	ISO 13480; БДC EN ISO 1167-1,2
		1.1.21. Resistance to dichloromethane	БДC EN ISO 9852
		1.1.22. Water absorption (water content)/ water diffusion coefficient	БДC EN ISO 62
		1.1.23. Effect of heating	БДC EN ISO 580; БДC ISO 12091
		1.1.24. Resistance /impact strength/ to impact loading	БДC EN 1705; БДC EN ISO 11173; БДC EN ISO 3127; БДC EN ISO 13263; БДC EN ISO 6603-1,2; ISO 17484-1; БДC EN 13476-2+A1, Annex K; БДC EN 13476-3+A1, Annex K
		1.1.25. Tensile-impact strength	БДC EN ISO 8256
		1.1.26. Leak tightness/ water tightness	БДC EN ISO 13254; БДC EN ISO 13255; БДC EN ISO 13846
		1.1.27. Ash content - residue	БДC EN ISO 3451-1,4,5
		1.1.28. Determination of orientation factor (coefficient) in length, by compressibility and by diameter (circumference) and/or by changing the outside diameter	БДC EN 17176-2+A1, Annex E; CД CEN/TS 17176-3, Annex B; БДC EN ISO 2505
		1.1.29. Cohesive /	

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№	Tested products	Type of test/ Characteristic	Testing methods (standard/validated method)
1	2	3	4
		decohesive strength of fittings for electrofusion -Peel decohesion test for polyethylene (PE) assemblies for pipes with nominal outside diameter $d_n \geq 90$ mm -Crushing decohesive test for polyethylene (PE) assemblies with nominal outside diameter $16 \leq d_n \leq 225$ - Crushing cohesive test for polyethylene (PE) saddle joints	ISO 13954 БДС ISO 13955 ISO 13956
		1.1.30. Leak tightness under external hydrostatic pressure/ vacuum	БДС EN ISO 3459; БДС EN ISO 13056; БДС EN ISO 13844
		1.1.31. Deformation by crushing (crushing test)	БДС EN 802; ISO 9853
		1.1.32. Impact resistance under Charpy and Izod methods	ISO 9854-1,2; БДС EN ISO 179-1,2; БДС EN ISO 13802; БДС EN ISO 180
		1.1.33. Ring flexibility/ integrity of the structure after deflection	БДС EN ISO 13968
		1.1.34. Tensile modulus	БДС EN ISO 527-1,2,3,4; БДС EN ISO 6259-1,3
		1.1.35. Tensile strength of the welding/ adhesive seam	БДС EN ISO 13262; БДС EN ISO 527-1,2,3,4; БДС EN ISO 12814-2
		1.1.36. Operating torque/ actuation mechanism resistance/ support resistance in opening and closing	БДС EN ISO 8233
		1.1.37. Resistance to adhesion (separation/ delamination) between layers	ISO 17454; ISO 17484-1
		1.1.38. Long-term hydrostatic strength - time and burst pressure	ISO 17456; БДС EN ISO 1167-1,2
		1.1.39. Resistance to liquid chemicals (mass change, modulus of elasticity, tensile strength / at yield strength / at break and at elongation at yield / at break)	БДС EN ISO 527-1,2,3,4; БДС EN ISO 6259-1,2,3; ISO 4433-1,2,3; БДС EN ISO 175; ISO 17484-1
		1.1.40. Leak tightness of systems with elastomeric sealing rings (diametrical or angular deflection)	БДС EN ISO 13259; БДС EN ISO 13845
		1.1.41. Bending test	БДС EN 12814-1; БДС EN 1680;

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№	Tested products	Type of test/ Characteristic	Testing methods (standard/validated method)
1	2	3	4
			БДС EN 1704; БДС EN ISO 2818; ISO 17484-1
		1.1.42. Mechanical strength or flexibility of fittings	БДС EN ISO 13264
		1.1.43. Resistance to stress cracking at tensile creep test (FNCT/ 2NCT)	БДС ISO 16770; БДС EN ISO 12814-3
		1.1.44. Resistance to delamination at 10% increase in diameter of multilayer pipe	ISO 17484-1
		1.1.45. Crushing resistance of the fittings	ISO 17484-1
		1.1.46. Resistance of external layer to cracks after thermal treatment and bending under internal pressure	ISO 17484-1; БДС EN ISO 21003-2
		1.1.47. Resistance to tensile load	БДС EN 1555-3, Annex C; БДС EN 12201-3, Annex E; ISO 13951
		1.1.48. Leak tightness of seat and packing	БДС EN 1555-4, Annex A; БДС EN 12201-4, Annex A; БДС EN ISO 1167-1,2
		1.1.49. Determination of resistance to rapid crack propagation (RCP)	БДС EN ISO 13477
1.2	Pipes, fittings and systems of glass-fiber reinforced thermosetting plastics (GRP) based on unsaturated polyester resins (UP)	1.2.1. Dimensions (Geometrical characteristics)	БДС EN ISO 23856; БДС EN ISO 3126
		1.2.2. Initial tensile properties - tensile strength (circumferential / longitudinal), elongation at break and modulus of elasticity	БДС EN 1393; ISO 8513; БДС EN 1394; ISO 8521; БДС EN ISO 527-1,4,5
		1.2.3. Initial ring stiffness	БДС EN 1228; ISO 7685
		1.2.4. Initial ring deflection (ring flexibility, failure resistance in the deformed state)	ISO 10466
		1.2.5. Resistance to internal pressure/ pressure at break for pipes/fittings with diameters up to 1000 mm	БДС EN 1447+A1; ISO 7509; ISO 8483; ISO 7432; ISO 8521; ISO 8639; ISO 8533; ISO 18851
		1.2.6. Leak tightness under external or internal pressure/ vacuum	ISO 8483; БДС EN 1119; ISO 8639;

Type of the scope: flexible

№	Tested products	Type of test/ Characteristic	Testing methods (standard/validated method)
1	2	3	4
			ISO 7432; ISO 8533
1.3	Pre-insulated pipes, fittings, valves and systems for directly buried hot water networks	1.3.1. Dimensions (Geometrical characteristics)	БДС EN 253+A1; БДС EN 448; БДС EN 488; БДС EN 489-1; БДС EN ISO 3126; ISO 3419
		1.3.2. Compressive strength of insulation	БДС EN ISO 844
		1.3.3. Density (bulk) of the insulation	БДС EN ISO 845
		1.3.4. Water absorption of insulation	БДС EN 253+A1; БДС EN 489-1
		1.3.5. Thermal characteristics of a pre-insulated pipe (coefficient of thermal conductivity, thermal resistance, coefficient of thermal transmittance)	БДС EN 253+A1; БДС EN ISO 8497
		1.3.6. Density of casing pipe	БДС EN ISO 1183-1
		1.3.7. Resistance /impact strength	БДС EN 253+A1; БДС EN ISO 3127
		1.3.8. Elongation at break of casing pipe	БДС EN 253+A1
		1.3.9. Melt flow rate of casing pipe	БДС EN ISO 1133-1,2
		1.3.10. Longitudinal reversion of casing pipe	БДС EN ISO 2505
		1.3.11. Vicat softening temperature VST	БДС EN ISO 306; БДС EN ISO 2507-1,2,3
		1.3.12. Shear strength (axial)	БДС EN 253+A1; БДС EN 15632-2,4; БДС EN 15698-1
		1.3.13. Resistance to internal pressure for pipes with a diameter up to 1000mm	ISO 5208
		1.3.14. Leak tightness at external/internal pressure of fittings, valves and system	БДС EN 448; БДС EN 489-1; БДС EN 12266-1
		1.3.15. Flexibility	БДС EN 15632-1
		1.3.16. Bending test	БДС EN 448
		1.3.17. Resistance of stress cracking (FNCT)	БДС EN 253+A1; БДС ISO 16770
		1.3.18. Determination content of voids in the insulation of the pre-insulated pipe: - number of voids (cells) with a	БДС EN 253+A1

Type of the scope: flexible

№	Tested products	Type of test/ Characteristic	Testing methods (standard/validated method)
1	2	3	4
		size greater than 10mm, radially; - number of voids and bubbles with a size greater than 6 mm in a pipe cross-section	
		1.3.19. Linear water tightness	БДС EN 253+A1
1.4.	Conduits and conduit fittings for electrical installations and fiber optic cables	1.4.1. Dimensions (Geometrical characteristics)	БДС EN IEC 61386-21,22,23; БДС EN 50626-1 БДС EN ISO 3126
		1.4.2. Compression resistance at deflection	БДС EN 50626-1; БДС EN ISO 9969
		1.4.3. Compression resistance under load	БДС EN 61386-1; БДС EN IEC 61386-22,23
		1.4.4. Resistance to flame propagation	БДС EN 61386-1 БДС EN 50626-1
		1.4.5. Tensile resistance	БДС EN 61386-1; БДС EN IEC 61386-23; БДС EN ISO 6259-1,3
		1.4.6. Resistance to impact	БДС EN 61386-1; БДС EN 50626-1; БДС EN ISO 3127
		1.4.7. Resistance to suspended load	БДС EN 61386-1
		1.4.8. Resistance against corrosion (in liquids and solutions)	БДС EN 61386-1
		1.4.9. Resistance to bending/ flexibility	БДС EN IEC 61386-21,22,23; БДС EN 50626-1
1.5	Elastomeric seals and hoses of rubber and plastics	1.5.1. Dimensions (Geometrical characteristics)	БДС EN ISO 1403; БДС EN ISO 6224; БДС EN ISO 1307; БДС EN ISO 4671; БДС ISO 3302-1,2; ISO 9691; БДС EN ISO 5771
		1.5.2. Resistance to internal hydrostatic pressure	БДС EN ISO 1402; БДС EN ISO 7751
		1.5.3. Adhesion between components	БДС EN ISO 8033
		1.5.4. Tensile strength and elongation at break	БДС ISO 37
		1.5.5. Accelerated aging and heat resistance in the air with determination of hardness, tensile strength and elongation at break	БДС ISO 188; БДС ISO 37; БДС ISO 48-4
		1.5.6. Remaining deformation after compression in air at low or elevated temperatures	БДС ISO 815-1,2

Type of the scope: flexible

№	Tested products	Type of test/ Characteristic	Testing methods (standard/validated method)
1	2	3	4
		1.5.7. Stress relaxation after compression at low or elevated temperatures	ISO 3384-1,2; БДС ISO 188
		1.5.8. Remaining deformation after compression in water	БДС EN 681-1, Annex B
		1.5.9. Bending tests at low or elevated temperatures	БДС EN ISO 10619-1 БДС EN ISO 10619-2
		1.5.10. Hardness	БДС ISO 48-4
		1.5.11. Loss of mass after heating	БДС EN ISO 176
		1.5.12. Density	БДС ISO 2781
		1.5.13. Testing of hydraulic pulse pressure without bending	БДС EN ISO 6803
		1.5.14. Resistance to the effect of liquids and oils (change in mass and volume) at low and elevated temperatures	БДС ISO 1817
		1.5.15. Preparation of test specimen	БДС ISO 4661-2; БДС ISO 23529
		1.5.16. Abrasion resistance	БДС ISO 4649
1.6	Manholes and inspection chambers, gullies for buildings, drainage channels from plastic	1.6.1. Appearance, colour	БДС EN 13598-1,2
		1.6.2. Dimensions (Geometrical characteristics)	БДС EN ISO 3126; БДС EN 476; БДС EN 1253-1,2,4,5
		1.6.3. Melt flow rate	БДС EN ISO 1133-1,2
		1.6.4. Effect of heating	БДС ISO 12091; БДС EN ISO 580
		1.6.5. Ring stiffness of the individual sections (vertical rings)	БДС EN ISO 9969; БДС EN ISO 13268
		1.6.6. Resistance to external loading and deflection/ mechanical strength	БДС EN 1253-1,2; БДС EN 476; БДС EN ISO 13266
		1.6.7. Leak tightness (water tightness)/ durability / structural integrity	БДС EN 476; БДС EN 1253-1,2; БДС EN ISO 13254; БДС EN 13598-1,2
		1.6.8. Leak tightness of systems/systems with elastomeric sealing rings (diametrical or angular deflection, or without applied deflection)	БДС EN ISO 13259
		1.6.9. Strength / testing to vertical load of steps - deformation under load - remaining deformation after unloading	БДС EN 13101, Annex B
		1.6.10. Resistance to pull-out of	БДС EN 13101, Annex D

Type of the scope: flexible

№	Tested products	Type of test/ Characteristic	Testing methods (standard/validated method)
1	2	3	4
		steps	
		1.6.11. Izod impact strength	БДС EN ISO 180
		1.6.12. Tensile strength	БДС EN ISO 527-1,2,4
		1.6.13. Resistance /impact strength	БДС EN ISO 13263; БДС EN 13598-2; БДС EN ISO 3127; БДС EN 13101, Annex E
		1.6.14. Density	БДС EN ISO 1183-1
		1.6.15. Mechanical strength or flexibility of fittings	БДС EN ISO 13264
1.7	Sanitary tapware	1.7.1. Dimensions (Geometrical characteristics)	ISO 49, ISO 7-1; БДС EN 817; БДС EN 200; БДС EN 1111;
		1.7.2. Leak tightness of the mixing valve under hydrostatic pressure upstream of the obturator and the obturator in the closed position	БДС EN 817; БДС EN 816; БДС EN 200; БДС EN 1111; БДС EN 1286; БДС EN 1287; БДС EN 15091
		1.7.3. Leak tightness of the mixing valve under hydrostatic pressure downstream of the obturator in the open position	БДС EN 817; БДС EN 816; БДС EN 200; БДС EN 1111; БДС EN 1286; БДС EN 1287; БДС EN 15091
		1.7.4. Leak tightness of the obturator, cross-flow under hydrostatic pressure in the closed position	БДС EN 817; БДС EN 816; БДС EN 200; БДС EN 1111; БДС EN 1286; БДС EN 1287; БДС EN 15091
		1.7.5. Leak tightness during operation of the automatic regulator to the direction of flow of the water flow under dynamic water pressure	БДС EN 817; БДС EN 816; БДС EN 200; БДС EN 1111; БДС EN 1286; БДС EN 1287; БДС EN 15091
		1.7.6. Mechanical resistance (strength) of the mixing valve under hydrostatic pressure upstream/downstream of the obturator in the open/ closed position	БДС EN 817; БДС EN 816; БДС EN 200; БДС EN 1111; БДС EN 1286; БДС EN 1287; БДС EN 15091
		1.7.7. Hydraulic characteristics	БДС EN 817;

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1	2	3	4
		(flow rate)	БДС EN 816; БДС EN 200; БДС EN 1111; БДС EN 1286; БДС EN 1287; БДС EN 15091
		1.7.8. Mechanical strength characteristics of the working mechanism at constant torque	БДС EN 817; БДС EN 816; БДС EN 200; БДС EN 1111; БДС EN 1286; БДС EN 1287; БДС EN 15091
1.8	Flexible corrugated metal joints, hoses and showers for sanitary tapware	1.8.1. Dimensions (Geometrical characteristics)	БДС EN 1113; БДС EN 1112; БДС EN 13618; БДС EN 16146+A1
		1.8.2. Mechanical tensile strength	БДС EN 1113; БДС EN 1112; БДС EN 13618; БДС EN 16146+A1
		1.8.3. Resistance to thermal shock (leak tightness at cold and hot water)	БДС EN 1113; БДС EN 1112; БДС EN 13618; БДС EN 16146+A1
		1.8.4. Pressure resistance at elevated temperature (aging)	БДС EN 1113; БДС EN 1112; БДС EN 13618; БДС EN 16146+A1
		1.8.5. Hydraulic characteristics (flow rate) at $T \leq 30^{\circ}\text{C}$	БДС EN 1113; БДС EN 1112; БДС EN 13618; БДС EN 16146+A1
		1.8.6. Resistance to bending and leak tightness at internal hydrostatic pressure after testing	БДС EN 1113; БДС EN 1112; БДС EN ISO 10380; БДС EN 13618; БДС EN 16146+A1
		1.8.7. Leak tightness (water tightness) at internal hydrostatic pressure	БДС EN 1113; БДС EN 1112; БДС EN ISO 10380; БДС EN 13618
		1.8.8. Determination of internal hydrostatic pressure at 20°C at break	БДС EN ISO 10380
		1.8.9. Elongation to internal water pressure at 20°C	БДС EN ISO 10380
1.9.	Industrial valves and valves for water supply	1.9.1. Dimensions (Geometrical characteristics)	БДС EN 1074-1,2,3,4,5,6; БДС EN 1213; БДС EN ISO 6708;

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№	Tested products	Type of test/ Characteristic	Testing methods (standard/validated method)
1	2	3	4
			БДС EN 13828; БДС EN 12266-1,2; БДС EN 12570; БДС EN 14339; БДС EN 14384; БДС EN 10226-1; ISO 7-1,2; ISO 49
		1.9.2. Resistance (hydrostatic strength) to internal pressure of the shell and of all pressure containing components	БДС EN 1074-1,2,3,4,5,6; ISO 5208; БДС EN 1213; БДС EN ISO 1167-1,3,4; БДС EN 13828; БДС EN 13443-1; БДС EN 12266-1,2
		1.9.3. Resistance (hydrostatic strength/ leak tightness) of the obturator to internal/ external pressure	БДС EN 1074-1,2,3,4,5,6; ISO 5208; БДС EN 1213; БДС EN ISO 1167-1,3,4; БДС EN 13828; БДС EN 12266-2
		1.9.4. Leak tightness (water tightness) at internal pressure of the shell and of all pressure components	БДС EN 1074-1,2,3,4,5,6; ISO 5208; БДС EN 1213; БДС EN ISO 1167-1,3,4; БДС EN 13828; БДС EN 13443-1; БДС EN 12266-1,2
		1.9.5. Seat tightness at high differential pressure	БДС EN 1074-1,2,3,4,5,6; ISO 5208; БДС EN 1213; БДС EN ISO 1167-1,3,4; БДС EN 13828; БДС EN 12266-1,2
		1.9.6. Seat tightness at low differential pressure	БДС EN 1074-1,2,3,4,5,6; ISO 5208; БДС EN 1213; БДС EN ISO 1167-1,3,4; БДС EN 13828
		1.9.7. Leak tightness of the obturator at maximum / minimum torque	БДС EN 1074-1,2,3,4,5,6; ISO 5208; БДС EN 1213; БДС EN ISO 1167-1,3,4; БДС EN 13828
		1.9.8. Characteristics of airflow (flow rate)	БДС EN 1074-4
		1.9.9. Hydraulic characteristics (flow rate)	БДС EN 1074-1,2,3, 4,5,6; ISO 5208; БДС EN 1213; БДС EN ISO 1167-1,3,4; БДС EN 13828;

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№	Tested products	Type of test/ Characteristic	Testing methods (standard/validated method)
1	2	3	4
			БДС EN 13443-1,2
		1.9.10. Resistance to bending moment/ operating torque	БДС EN 1213; БДС EN 13828
		1.9.11. Turnover for opening / closing	БДС EN 14339; БДС EN 12266-2; БДС EN 14384
		1.9.12. Hydraulic characteristics (resistance) - coefficients - k_v , c_v and ζ ,	БДС EN 1267; БДС EN 1074-6; БДС EN 14384
1.10	Vitrified clay pipe, fittings and systems for drains and sewers	1.10.1. Dimensions (Geometrical characteristics)	БДС EN 295-3
		1.10.2. Compression strength	БДС EN 295-3
		1.10.3. Breaking load	БДС EN 295-3
		1.10.4. Water absorption	БДС EN 295-3
		1.10.5. Water tightness (resistance to water pressure)	БДС EN 295-3
		1.10.6. Abrasion resistance	БДС EN 295-3
		1.10.7. Shear resistance / deformation	БДС EN 295-3
		1.10.8. Bending tensile strength	БДС EN 295-3
		1.10.9. Bending moment resistance	БДС EN 295-3
		1.10.10. Chemical resistance in solutions of pipes and fittings	БДС EN 295-3
		1.10.11. Tensile strength and elongation at break	БДС ISO 37; БДС EN 295-3
		1.10.12. Hardness	БДС EN ISO 868; БДС EN 295-3
		1.10.13 Relaxation of compressive strain	БДС EN 295-3
		1.10.14. Residual deformation under compression in air at low or elevated temperatures	БДС ISO 815-1,2; БДС EN 295-3
		1.10.15. Melt flow rate	БДС EN ISO 1133-1,2; БДС EN 295-3
		1.10.16. Tensile strength and elongation at break	БДС EN ISO 527-1,2; БДС EN 295-3
		1.10.17. Effect of heating	БДС EN 295-3
1.11	Metal pipes, fittings, accessories and joints for piping systems (for pipes up to 800mm in diameter)	1.11.1. Dimensions (Geometrical characteristics)	БДС EN 545; БДС EN 598+A1; БДС EN 1254-2,3,4,5,6,8,20; БДС EN 12842; БДС EN 10224; БДС EN 1092-1,2,3; БДС EN 14525; БДС EN 1057+A1;

Type of the scope: *flexible*

№	Tested products	Type of test/ Characteristic	Testing methods (standard/validated method)
1	2	3	4
			БДС EN 10220; БДС EN 10216-1,2; БДС EN 10305-3; ISO 7-1,2; ISO 49; БДС EN 10242; БДС EN ISO 228-1,2;
		1.11.2. Resistance to internal hydrostatic pressure	БДС EN 545; БДС EN 1254-2,3,4,5,6,8,20; БДС EN 12842; БДС EN 14525; БДС EN 10224; ISO 5208; БДС EN 1057+A1; БДС EN 10216-1,2; БДС EN ISO 1167-1,2; БДС EN ISO 13846; БДС EN 10242
		1.11.3. Leak tightness (water tightness) at internal pressure (positive/negative-vacuum)	БДС EN 545; БДС EN 598+A1; БДС EN 1254-2,3,4,5,6,8,20; БДС EN ISO 3458; БДС EN 12842; БДС EN 14525; БДС EN 10224; ISO 5208; БДС EN 1057+A1; БДС EN 10216-1,2+A1; БДС EN 10242; БДС EN ISO 13056
		1.11.4. Leak tightness at internal hydrostatic pressure and bending	БДС EN 1254-2,3,6,8,20; БДС EN ISO 3503
		1.11.5. Resistance to pull-out of fittings	БДС EN 12842; БДС EN 1254-2,3,6,8,20; БДС EN ISO 3501
		1.11.6. Mass per unit length	БДС EN 10220
		1.11.7. Density	БДС EN ISO 3369
		1.11.8. Ring stiffness	БДС EN 598+A1
		1.11.9. Resistance to flattening	БДС EN ISO 8492
		1.11.10. Mass per unit area and thickness of coatings	БДС EN ISO 1460; БДС EN 10242; БДС EN 545
2.	ROCK MATERIALS AND PRODUCTS, AGGREGATES FOR CONSTRUCTION		
2.1	Rock materials and aggregates for concrete, mortar and road construction	2.1.1. Particle size distribution (including a fine fraction content) - passed through a sieve with aperture diameter, D_i	БДС EN 933-1; БДС 1097
		2.1.2. Flakiness index. Shape index	БДС EN 933-3,4

Type of the scope: flexible

№	Tested products	Type of test/ Characteristic	Testing methods (standard/validated method)
1	2	3	4
		2.1.3. Bulk density, ρ_b	БДС EN 1097-3
		2.1.4. Particle density: - apparent, ρ_a ; - oven-dry density, ρ_{rd} ; - saturated and surface-dried, ρ_{ssd} - pre-dry density, ρ_p ; -saturated to constant mass, ρ_{cm} ;	БДС EN 1097-6
		2.1.5. Voids of dry compacted filler	БДС EN 1097-3, 4
		2.1.6. Water absorption	БДС EN 1097-6
		2.1.7. Water content (moisture)	БДС EN 1097-5
		2.1.8. Resistance to freezing and thawing (loss of mass)	БДС EN 1367-1
		2.1.9. Frost resistance by accelerated testing with $MgSO_4$ / Na_2SO_4 or salts (loss of mass)	БДС EN 1367-2,6
		2.1.10. Fine fraction content (clay and powder particles) – wet sieving	БДС EN 933-1
		2.1.11. Content of organic substances (humus and lightweight contaminators)	БДС EN 1744-1+A1
		2.1.12. Content of crushed particles	БДС EN 933-5
		2.1.13. Shell content	БДС EN 933-7
		2.1.14. Resistance to crunching at static load	БДС EN 206+A2/ NA, Annex NA.Q;
		2.1.15. Loss on ignition	БДС EN 1744-1+A1
		2.1.16. Water-soluble chloride content	БДС EN 1744-1+A1
		2.1.17. Modulus of coarseness/ fineness of sand	БДС EN 12620+A1, Annex B
		2.1.18. Particle density	БДС EN 1097-7
		2.1.19. Total sulfur content and sulfur compounds	БДС EN 1744-1 +A1
2.2	Rock materials and products - slabs, setts for paving, kerbs, etc.	2.2.1. Dimensions (Geometrical characteristics)	БДС EN 1341; БДС EN 1342; БДС EN 1343; БДС EN 13373
		2.2.2. Compressive strength	БДС EN 1926
		2.2.3. Bending strength	БДС EN 12372; БДС EN 13161
		2.2.4. Breaking load	БДС EN 1926; БДС EN 12372
		2.2.5. Resistance to freezing and	БДС EN 12371;

Type of the scope: flexible

№	Tested products	Type of test/ Characteristic	Testing methods (standard/validated method)
1	2	3	4
		thawing (loss of mass/ strength)	БДС EN 12372; БДС EN 1926
		2.2.6. Water absorption	БДС EN 13755
		2.2.7. Real and apparent density, porosity, volume of open voids	БДС EN 1936
		2.2.8. Abrasion resistance- Böhme	БДС EN 14157, Method B
3.	FRESH CONCRETE AND MORTAR MIXTURES, HARDENED CONCRETE AND MORTARS; CONCRETE AND REINFORCED CONCRETE PRODUCTS		
3.1	Fresh concrete and hardened concrete	3.1.1. Slump consistence	БДС EN 12350-2
		3.1.2. Dimensions (Geometric characteristics)	БДС EN 12390-1
		3.1.3. Bulk density	БДС EN 12350-6
		3.1.4. Compressive strength	БДС EN 12390-3; БДС EN 12504-1; БДС EN 679; БДС EN 1354
		3.1.5. Flexural strength	БДС EN 12390-5; БДС EN 1521
		3.1.6. Tensile splitting strength	БДС EN 12390-6
		3.1.7. Density of hardened concrete	БДС EN 12390-7; БДС EN 992; БДС EN 678
		3.1.8. Freeze /thaw resistance (loss of mass and compression strength) - directly freezing/ thawing; - with sodium chloride solution	БДС EN 206+A2/NA Annex NA.O, Part NA.O.1; БДС EN 12390-3; СД CEN/TS 12390-9
		3.1.9. Water tightness	БДС EN 206+A2/NA Annex NA.N; БДС EN 12390-6
		3.1.10. Depth of penetration of water under pressure	БДС EN 12390-8
		3.1.11. Compressive strength in structures and precast concrete components (through surface hardness) -rebound number; -expected compressive strength (in situ)	БДС EN 12504-2; БДС EN 13791; БДС EN 13791/NA
3.2	Masonry mortar and rendering and plastering mortar	3.2.1. Particle size distribution (passed quantity/ residue on sieves)	БДС EN 1015-1
		3.2.2. Consistence by flow table	БДС EN 1015-2,3
		3.2.3. Bulk density of fresh mortar	БДС EN 1015-6
		3.2.4. Workable life	БДС EN 1015-9

Type of the scope: flexible

№	Tested products	Type of test/ Characteristic	Testing methods (standard/validated method)
1	2	3	4
		3.2.5. Dry bulk density of hardened mortar	БДС EN 1015-10
		3.2.6. Compressive strength	БДС EN 1015-11; БДС EN 1052-1
		3.2.7. Flexural strength	БДС EN 1015-11; БДС EN 1052-2
		3.2.8. Adhesive strength on substrate (adhesion / shear)	БДС EN 1015-12; БДС EN 1052-3
		3.2.9. Water-soluble chlorides content of fresh mortars	БДС EN 1015-17
		3.2.10. Water absorption coefficient due to capillary action of hardened mortar	БДС EN 1015-18
		3.2.11. Water vapour permeability of hardened mortars	БДС EN 1015-19
		3.2.12. Thermal conductivity (λ), and water vapour diffusion coefficient (μ) based on dry bulk density	БДС EN 1745; БДС EN 1015-10
		3.2.13. Determination of pH-value of solutions	БДС ISO 4316
3.3	Concrete products - slabs, kerbs, blocks, lids, gully tops, drainage channels, street and garden products, elements, pipes, lintels, etc.	3.3.1. Appearance and colour	БДС EN 1338; БДС EN 1339; БДС EN 1340; БДС EN 1916
		3.3.2. Shape and dimensions (Geometric characteristics)	БДС EN 1338; БДС EN 1339; БДС EN 1340; БДС EN 1433; БДС EN 13369; БДС EN 12390-1; БДС EN 1916; БДС EN 846-11; БДС EN 124-1,2,3,4,5,6
		3.3.3. Compressive strength	БДС EN 12390-3; БДС EN 12504-1; БДС EN 1433
		3.3.4. Strength/resistance to shear: - breaking load; - shear strength; - sagging (vertically, horizontally)	БДС EN 846-9
		3.3.5. Water absorption	БДС EN 1338; БДС EN 1339; БДС EN 1340; БДС EN 13369; БДС EN 1433; БДС EN 1916
		3.3.6. Strength/ resistance to	БДС EN 1339,

Type of the scope: flexible

№	Tested products	Type of test/ Characteristic	Testing methods (standard/validated method)
1	2	3	4
		bending: - breaking load; - bending strength; - sagging (vertically, horizontally)	БДС EN 1340; БДС EN 1433; БДС EN 846-9
		3.3.7. Tensile splitting and bending strength	БДС EN 1338; БДС EN 12390-6
		3.3.8. Breaking load	БДС EN 1338; БДС EN 1339; БДС EN 1916; БДС EN 846-9
		3.3.9. Thickness of concrete cover	БДС EN 13369; БДС EN 13198
		3.3.10. Freeze /thaw resistance by cycles of directly freezing and / or by salts (detrmining the loss of mass and strength)	БДС EN 1338; БДС EN 1339; БДС EN 1340; БДС EN 1433; БДС EN 13198
		3.3.11. Bulk density	БДС EN 12390-7
		3.3.12. Thermal conductivity (λ ,) and water vapour diffusion coefficient (μ) based on density	БДС EN 13369; БДС EN 1745; БДС EN 12390-7
		3.3.13. Abrasion resistance - Böhme	БДС EN 1338; БДС EN 1339; БДС EN 1340
		3.3.14. Water tightness (resistance to water pressure)	БДС EN 1916
		3.3.15. Crushing strength / bending strength	БДС EN 1916
		3.3.16. Load bearing capacity (test load)/ductile (residual) deflection	БДС EN 124-1,2,3,4,5,6; БДС EN 1433
		3.3.17. Frame bearing area of a cover/ grating -bearing area on the frame, A_b -bearing pressure on the basis, P_b	БДС EN 124-1,2,3,4,5,6
4.	BINDERS: CEMENT		
4.1	Cement	4.1.1. Standard consistence	БДС EN 196-3
		4.1.1.2. Setting time (initial/ final)	БДС EN 196-3
		4.1.3. Fineness (passed quantity/ residue on sieve)	БДС EN 196-6
		4.1.4. Soundness	БДС EN 196-3
		4.1.5. Flexural strength	БДС EN 196-1
		4.1.6. Compressive strength	БДС EN 196-1
		4.1.7. Loss on ignition	БДС EN 196-2
		4.1.8. Sulphates content (as SO_3)	БДС EN 196-2
		4.1.9. Chlorides content	БДС EN 196-2

Type of the scope: *flexible*

№	Tested products	Type of test/ Characteristic	Testing methods (standard/validated method)
1	2	3	4
5.	DRY MIXTURES (ADHESIVES) FOR TILES AND FLOOR COVERINGS		
5.1	Adhesives for tiles (cementitious, dispersion and reactive resin adhesives)	5.1.1. Open time (via adhesive strength)	БДС EN 12004-2, p.8.1
		5.1.2. Apparent density	БДС EN 543
		5.1.3. Determination of slip	БДС EN 12004-2, cl.8.2
		5.1.4. Transverse deformation	БДС EN 12004-2, cl.8.6
		5.1.5. Tensile adhesion strength (initial, early, after water immersion, after thermal treatment and after freeze-thaw cycles)	БДС EN 12004-2, cl.8.3
		5.1.6. Density	БДС EN 542
		5.1.7. Shear adhesion strength (initial, early, after water immersion, after thermal treatment)	БДС EN 12004-2, cl.8.4 БДС EN 12004-2, cl.8.5
5.2	Composite adhesives and ready mixtures for floor coverings (screeds). Self-levelling floor coverings	5.2.1. Setting time (initial and final)	БДС EN 13454-2; БДС EN 196-3; БДС EN 1937; БДС EN 14016-2
		5.2.2. Flexural strength	БДС EN 13454-2; БДС EN 13892-1,2; БДС EN 196-1; БДС EN 1937; БДС EN 14016-2
		5.2.3. Compressive strength	БДС EN 13454-2; БДС EN 13892-1,2; БДС EN 196-1; БДС EN 1937; БДС EN 14016-2
		5.2.4. Shrinkage / swelling	БДС EN 13454-2; БДС EN 13872; БДС EN 1937
		5.2.5. Consistency through the flow diameter	БДС EN 13454-2; БДС EN 12706; БДС EN 1937
		5.2.6. Abrasion resistance - Böhme	БДС EN 13892-3
		5.2.7. Bond strength	БДС EN 13892-8; БДС EN 13408
		5.2.8. Resistance to water penetration (water permeability coefficient)	БДС EN 1062-3
		5.2.9. Determination of pH-value	БДС EN 13454-2
		5.2.10. Impact resistance	БДС EN ISO 6272-1,2
		5.2.11. Surface hardness	БДС EN 13892-6
		5.2.12. Flow characteristics (flow	БДС EN 12706;

Type of the scope: flexible

№	Tested products	Type of test/ Characteristic	Testing methods (standard/validated method)
1	2	3	4
		diameter)	БДС EN 1937
		5.2.13. Bulk density	БДС EN 543; БДС EN 14016-2
		5.2.14. Fineness of grinding (passed quantity/ residue on sieve)	БДС EN 196-6; БДС EN 14016-2
		5.2.15. Loss on ignition	БДС EN 196-2; БДС EN 14016-2
5.3	Grouts for tiles	5.3.1. Transverse deformation	БДС EN 12004-2, cl.8.6
		5.3.2. Flexural strength: standard, after freeze-thaw cycles	БДС EN 13888-2, cl.9.1; БДС EN 12004-2, cl.8.3
		5.3.3. Compressive strength: standard, after freeze-thaw cycles	БДС EN 13888-2, cl.9.1; БДС EN 12004-2, cl.8.3
		5.3.4. Drying shrinkage	БДС EN 13888-2, cl.9.3
		5.3.5. Water absorption	БДС EN 13888-2, cl.9.2
		5.3.6. Chemical resistance (by changing a mass, diameter, compressive strength)	БДС EN 13888-2, cl.9.5
6.	MASONRY UNITS AND ELEMENTS. CERAMIC PRODUCTS		
6.1	Masonry units (natural and manufactured stone, calcium- silicate, clay, concrete, autoclaved aerated concrete, etc.), lintels and other elements	6.1.1. Dimensions (Geometric characteristics) and mass per linear meter	БДС EN 772-2; БДС EN 772-16, 20; БДС EN 845-2+A1; БДС EN 846-11
		6.1.2. Bulk density (net and gross)	БДС EN 1936; БДС EN 678 БДС EN 772-13
		6.1.3. Thermal conductivity (λ), and water vapour diffusion coefficient (μ) based on bulk density	БДС EN 1745; БДС EN 772-13
		6.1.4. Compressive strength	БДС EN 772-1+A1; БДС EN 1052-1; БДС EN 679; БДС EN 1354
		6.1.5. Strength/ resistance to bending: - breaking load; - bending strength; - sagging (vertically, horizontally)	БДС EN 772-6; БДС EN 12372; БДС EN 1052-2; БДС EN 1351; БДС EN 846-9
		6.1.6. Strength/resistance to adhesion (shear): - breaking load; - shear strength; - sagging (vertically, horizontally)	БДС EN 1052-3; БДС EN 846-9
		6.1.7. Dimensional change due to moisture movement	БДС EN 772-14

Type of the scope: flexible

№	Tested products	Type of test/ Characteristic	Testing methods (standard/validated method)
1	2	3	4
		6.1.8. Water absorption	БДС EN 772-11
		6.1.9. Coefficient of water absorption due to capillary action	БДС EN 772-11
		6.1.10. Initial rate of water absorption	БДС EN 772-11
		6.1.11. Moisture content	БДС EN 772-10; БДС EN 1353
		6.1.12. Drying shrinkage	БДС EN 680
		6.1.13. Freeze-thaw resistance (equivalent mass, loss of mass, loss of strength)	БДС EN 12371; БДС EN 15304; БДС EN 772-18; БДС EN 772-22
		6.1.14. Water absorption by boiling in water of clay masonry units	БДС EN 772-7
		6.1.15. Moisture expansion of clay masonry units	БДС EN 772-19
		6.1.16. Content of active soluble salts of clay masonry units	БДС EN 772-5
		6.1.17. Determination of percentage area of voids in masonry units (by paper indentation)	БДС EN 772-2
		6.1.18. Determination of volume, net volume and percentage of voids	БДС EN 772-3; БДС EN 772-9
		6.1.19. Determination of water vapour permeability	БДС EN 772-15; БДС EN ISO 12572
6.2	Roofing products - ceramic, concrete	6.2.1. Dimensions (Geometric characteristics)	БДС EN 1024; БДС EN 491
		6.2.2. Water impermeability test - water tightness coefficient	БДС EN 539-1; БДС EN 491
		6.2.3. Breaking load at flexural strength	БДС EN 538; БДС EN 491
		6.2.4. Freeze-thaw resistance (loss of mass and strength)	БДС EN 539-2; БДС EN 491
		6.2.5. Mass of the product	БДС EN 491
6.3	Ceramic tiles	6.3.1. Dimensions (Geometric characteristics)	БДС EN ISO 10545-2
		6.3.2. Water absorption and apparent porosity	БДС EN ISO 10545-3
		6.3.3. Thermal resistance	БДС EN ISO 10545-9
		6.3.4. Frost resistance (determination of water absorption and visual damage)	БДС EN ISO 10545-12
		6.3.5. Rupture/breaking load	БДС EN ISO 10545-4

Type of the scope: flexible

№	Tested products	Type of test/ Characteristic	Testing methods (standard/validated method)
1	2	3	4
		when bending	
		6.3.6. Moisture expansion (by boiling in water)	БДС EN ISO 10545-10
		6.3.7. Chemical resistance	БДС EN ISO 10545-13
		6.3.8. Resistance to strains	БДС EN ISO 10545-14
		6.3.9. Coefficient of linear thermal expansion, α_l	БДС EN ISO 10545-8
		6.3.10. Apparent relative density and bulk density	БДС EN ISO 10545-3
		6.3.11. Bending strength	БДС EN ISO 10545-4
		6.3.12. Impact resistance/ coefficient of restitution	БДС EN ISO 10545-5
7.	PAINTS, VARNISHES AND COATINGS, MATERIALS FOR CORROSION PROTECTION		
7.1	Paints, varnishes, thinners. Paint and varnish materials and systems. Materials of corrosion protection.	7.1.1. Viscosity (flow time by use of flow cups)	БДС EN ISO 2431
		7.1.2. Drying time (without gluing and through-dry state)	БДС EN ISO 9117-6; БДС EN ISO 9117-1; БДС EN ISO 2808
		7.1.3. Film elasticity (bending around cylindrical mandrel)	БДС EN ISO 1519
		7.1.4. Scratch test resistance	БДС EN ISO 1518-1,2
		7.1.5. Non-volatile and volatile organic matter content	БДС EN ISO 3251; БДС EN ISO 11890-1
		7.1.6. Impact resistance	БДС EN ISO 6272-1,2; БДС EN ISO 2808; БДС EN 14901-1+A1; БДС EN 15189
		7.1.7. Adhesion (cross-cut test)	БДС EN ISO 2409; БДС EN ISO 2808
		7.1.8. Hardness of coatings	БДС EN ISO 1522; БДС EN ISO 2808
		7.1.9. Thickness of coatings	БДС EN ISO 2808; БДС EN ISO 2178; БДС EN 14901-1+A1; БДС EN 545; БДС EN 15189
		7.1.10. Resistance to humidity	БДС EN ISO 6270-1,2
		7.1.11. Resistance of coatings to thermal effect	БДС EN ISO 3248; БДС EN 23270
		7.1.12. Chemical resistance of polyurethane coatings in liquids and solutions with subsequent determination of mass change	БДС EN 15189 БДС EN ISO 62
		7.1.13. Common defects of	БДС EN ISO 4628-1,2,3,4,5

Type of the scope: flexible

№	Tested products	Type of test/ Characteristic	Testing methods (standard/validated method)
1	2	3	4
		degradation of coatings	
		7.1.14. Resistance of coatings in liquids and oils	БДС EN ISO 2812-1,2; БДС EN 23270; БДС EN 14901-1+A1
		7.1.15. Non-volatile-matter content	БДС EN ISO 3251; БДС EN ISO 3233-1,2; БДС EN 23270
		7.1.16. Pull-off test for adhesion	БДС EN ISO 4624; БДС EN 14901-1+A1; БДС EN 15189
		7.1.17. Density	БДС EN ISO 2811-1
		7.1.18. Determination of pH-value	БДС ISO 4316
		7.1.19. Hardness of a part/pipe with polyurethane coating	БДС EN 15189; БДС EN ISO 868
		7.1.20. Water permeability coefficient	БДС EN 1062-3; БДС EN 1062-11
		7.1.21. Indentation resistance of polyurethane coating	БДС EN 15189
		7.1.22. Cross linkage	БДС EN 14901-1+A1
		7.1.23. Elongation at break of polyurethane coating	БДС EN 15189; БДС EN ISO 527-3
7.2	Adhesives for general application and for plastic elements and systems	7.2.1. Thermal resistance	БДС EN ISO 75-1,3
		7.2.2. Resistance to internal pressure/ leak tightness	БДС EN ISO 9311-3; БДС EN ISO 1167-1,2,3,4
		7.2.3. Viscosity using a falling-ball (Hoppler method)	БДС EN ISO 12058-1
		7.2.4. Shear strength/tensile strength, through shear strength	БДС EN 1465; БДС EN ISO 9311-1,2
		7.2.5. Density of adhesive	БДС EN ISO 2811-1; БДС EN 542
		7.2.6 Viscosity (flow time by use of flow cups)	БДС EN ISO 2431; БДС EN 12092
		7.2.7. Determining the pH-value of adhesive	БДС ISO 4316
		7.2.8. Bonding strength (adhesion)	БДС 9845
		7.2.9. Tensile strength	БДС EN ISO 527-1,2,3,4
		7.2.10. Flexural strength	БДС EN ISO 178
8.	EXTERNAL AND INTERNAL COVERINGS, PROFILES AND FINISHES		
8.1.	Light transmitting profiled sheets. Plastic foils and cross-linked sheets	8.1.1. Dimensions (Geometric characteristics)	БДС EN 263; БДС EN 1013+A1, cl.6.6; БДС EN ISO 15013; БДС EN ISO 11963
		8.1.2. Dimensional stability on	БДС EN 263;

Type of the scope: flexible

№	Tested products	Type of test/ Characteristic	Testing methods (standard/validated method)
1	2	3	4
		heating (heat resistance)	БДС EN 1013+A1, cl.6.6; БДС EN ISO 11501
		8.1.3. Water absorption	БДС EN 263; БДС EN ISO 62
		8.1.4 Vicat softening temperature VST	БДС EN ISO 306; БДС EN ISO 2507-1,2,3
		8.1.5. Tensile strength, tension of yield and elasticity modulus, tensile strain	БДС EN ISO 527-1,2,3,4,5
		8.1.6. Thermal stability at heating	БДС EN 263
		8.1.7. Resistance to liquid chemicals	БДС EN 263
		8.1.8. Resistance to cyclic wetting and drying	БДС EN 263
		8.1.9. Impact resistance under Charpy and Izod methods	БДС EN ISO 179-1,2; БДС EN ISO 180
		8.1.10. Melt flow rate	БДС EN ISO 1133-1,2
		8.1.11. Tensile-impact strength	БДС EN ISO 8256
		8.1.12. Impact resistance with falling body	БДС EN ISO 6603-1,2
8.2.	Plastics. Resins (unreinforced and reinforced). Foils and sheets.	8.2.1. Temperature of deflection under load	БДС EN ISO 75-1,2,3
		8.2.2. Flexural strength	БДС EN ISO 178
		8.2.3. Elasticity modulus in flexure	БДС EN ISO 178
		8.2.4. Tensile strength and elongation	БДС EN ISO 527-1,2,3,4,5
		8.2.5. Compressive properties	БДС EN ISO 604
		8.2.6. Hardness by means of a durometer (Shore)	БДС EN ISO 868
		8.2.7. Dimensional change on heating	БДС EN ISO 11501
		8.2.8. Viscosity using a falling-ball (Hoppler method)	БДС EN ISO 12058-1
		8.2.9. Vicat softening temperature VST	БДС EN ISO 306; БДС EN ISO 2507-1,2,3
		8.2.10. Melt flow rate	БДС EN ISO 1133-1,2
		8.2.11. Hardness with a ball indentation method	БДС EN ISO 2039-1
8.3.	Unplasticized poly (vinyl chloride) (PVC-U) profiles for the fabrication of windows and doors.	8.3.1. Dimensions (Geometric characteristics)	БДС EN 12608-1+A1
		8.3.2. Vicat softening temperature VST	БДС EN ISO 306; БДС EN ISO 2507-1,2,3
		8.3.3. Resistance /Impact	БДС EN ISO 3127;

Type of the scope: flexible			
№	Tested products	Type of test/ Characteristic	Testing methods (standard/validated method)
1	2	3	4
		strength	БДС EN 477
		8.3.4. Elasticity modulus in flexure	БДС EN ISO 178
		8.3.5. Tensile-impact strength	БДС EN ISO 8256
		8.3.6. Change of appearance and dimensions after heating	БДС EN 12608-1+A1; БДС EN 478; БДС EN 479
		8.3.7. Strength of welded corners and T-joints (tensile and compression bending test)	БДС EN 514
9.	SOLID BIOFUELS		
9.1.	Wood briquettes and pellets, coal, wood chips (sawdust), barks and other plant biomass products	9.1.1. Dimensions (Geometric characteristics)	БДС EN ISO 17225-1,2,3,4; БДС EN ISO 17827-1,2; БДС EN 1860-2; БДС ISO 1953; БДС EN ISO 17829
		9.1.2. Moisture (total, residual moisture)	БДС EN ISO 18134-1,2,3; БДС EN 1860-2; БДС ISO 589
		9.1.3. Ash content	БДС EN ISO 18122; БДС EN 1860-2; БДС ISO 1171
		9.1.4. Particle density	БДС EN ISO 18847
		9.1.5. Mechanical durability (stability)	БДС EN ISO 17831-1,2
		9.1.6. Appearance and colour	БДС EN 1860-2; БДС EN ISO 17225-1,2,3,4
		9.1.7. Fine fraction content	БДС EN ISO 5370
		9.1.8. Determination of particle size distribution /Fine fraction content	БДС EN ISO 17827-1,2; БДС EN ISO 17830
		9.1.9. Bulk density	БДС EN ISO 17828
		9.1.10. Volatile matter content	БДС EN ISO 18123; БДС EN 1860-2; БДС ISO 562
		9.1.11. Non-charcoal parts and foreign impurities content	БДС EN 1860-2
		9.1.12. Small coal content	БДС EN 1860-2; БДС ISO 1953

Flexible scope: Implementing a new version of standards/documents or standards / documents replacing them is allowed. An updated list of standards/documents and their dated versions is provided by laboratory.

I ORDER

To issue the certificate of accreditation reg. № 71 ЛИ/20.03.2025, valid until 18.03.2028, and this order as an integral part of it.

The certificate of accreditation with the enclosure to be received by the manager / representative of the Labkonsult Plus Ltd, the head of the Testing Laboratory at Labkonsult Plus Ltd, or other authorized person in the office of EA BAS.

Upon receipt of the certificate and the enclosure issued, the accredited person is obliged to return to EA BAS the originals of accreditation certificate reg. № 71 ЛИ/09.05.2024, valid until 18.03.2028 and an enclosure, EA BAS order reg. № A 166/09.05.2024, as an integral part of it.

This order shall be notified to the Testing Laboratory at Labkonsult Plus Ltd, within 3 (three) days from its issuance.

Eng. Irena Borislavova

*Executive Director
of Executive agency Bulgarian accreditation service*

