



ORDER

№ A 139

Sofia, 15.05.2026

Pursuant to item 5.4.3 of the BAS QR 2 Accreditation Procedure and EA BAS, in connection with assessment report reg. № 299/188 ЛВ/6/В/24.04.2026 and EA BAS order reg. № А 363/28.11.2025, suspending accreditation for a period of up to six months, I hereby

RECOVER ACCREDITATION

OF

BUILD LAB LTD.

ROAD CONSTRUCTION TESTING LABORATORY, MRAMOR

Management address: 1261, Mramor, 96, Vasil Levski Str.

Laboratory address: 1261, Mramor, 96, Vasil Levski Str.

To perform testing of:

Type of the scope: flexible*			
№	Tested Products	Type of test/ Characteristic	Testing methods (standard/ validated method)
1	2	3	4
1.	Bituminous mixtures	1.1. Soluble binder content	БДС EN 12697-1, Annex B, cl. 1.7
		1.2. Particle size distribution	БДС EN 12697-2
		1.3. Maximum density	БДС EN 12697-5, Procedure A
		1.4. Bulk density	БДС EN12697-6, Procedures A, B, D
		1.5. Air void characteristics	БДС EN 12697-8, cl. 4
		1.6. Degree of compaction	**БДС EN 12697-9
		1.7. Marshall test (strength; conditional plasticity)	БДС EN 12697-34
		1.8. Dimensions of a bituminous specimen	БДС EN 12697-29
		1.9. Affinity between aggregate and bitumen (degree of retention of the bituminous coating)	БДС EN 12697-11, cl. 7

Type of the scope: flexible*			
№	Tested Products	Type of test/ Characteristic	Testing methods (standard/ validated method)
1	2	3	4
2.	Bitumen	2.1. Penetration of the reminder at 25°C	БДС EN 1426
		2.2. Softening point - Ring and Ball method	БДС EN 1427
3.	Construction soils (1) /Rock materials (2) /Unbound and hydraulically bound mixtures (3)	3.1. Particle size distribution	БДС EN 933-1 (2) (3); БДС EN ISO 17892-4, cl.5.2 (2), (3)
		3.2. Fine fraction (material passing through a sieve with openings 0,063 mm)	БДС EN 933-1 (2), (3)
		3.3. Flakiness index	БДС EN 933-3 (2), (3)
		3.4. Shape index	БДС EN 933-4 (2), (3)
		3.5. Content of: - completely crushed grains, - crushed grains, - totally rounded grains	БДС EN 933-5 (2)
		3.6. Sand equivalent value	БДС EN 933-8+A1 (2), (3)
		3.7. Methylene blue value	БДС EN 933-9 (2), (3)
		3.8. Loose bulk density	БДС EN 1097-3 (2), (3)
		3.9. Water content	БДС EN 1097-5 (2), (3); БДС EN ISO 17892-1+A1 (1)
		3.10. Particle density: - particle mass density, - bulk density of particles in dry condition, - bulk density of particles in saturated surface-dry condition, - pre-dried particle mass density, - bulk density of watersaturated particles to a constant mass	БДС EN 1097-6, (2) cl. 7, cl. 8, cl. 9, Annex A (2), cl. A.3 Annex A (2), cl. A.4 Annex B (2)
		3.11. Water absorption	БДС EN 1097-6, cl. 7; cl. 8, cl. 9 Annex B (2)
		3.12. Stability in Mg2SO4 solution	БДС EN 1367-2 (2)
		3.13. Humus content	БДС EN 1744-1+A1, cl. 15.1 (2)
		3.14. Determination of an elastic modulus using a circular loading plate	БДС 15130 (1)
		3.15. Determination of an deformation modulus using a	БДС 15130 (1)

Type of the scope: flexible*			
№	Tested Products	Type of test/ Characteristic	Testing methods (standard/ validated method)
1	2	3	4
		circular loading plate	
		3.16. Ratio of the modules of deformation E2:E1 using a circular loading plate	БДС 15130 (1)
		3.17. Maximum Dry Density (Proctor)	БДС EN 13286-2, cl. 7.1, cl. 7.2, cl. 7.4, cl. 7.5 (1), (2), (3) БДС 17146, cl. 3.3.1, cl. 3.3.2 (1), (2), (3)
		3.18. Optimal moisture content	БДС EN 13286-2, cl. 7.1, cl. 7.2, cl.7.4, cl. 7.5 (1), (2), (3); БДС 17146, cl.3.3.1, cl. 3.3.2 (1), (2), (3)
		3.19. Dry density determined by the sand replacement method	Annex № 18 to Art. 168, item 1 of Ordinance № ПД-02-20-2, SG 79/2018 (1), (2), (3)
		3.20. Degree of compaction	Annex № 18** to Art. 168, item 1 of Ordinance № ПД-02-20-2, SG 79/2018 (1), (2), (3)
		3.21. Compressive strength	БДС EN 13286-41 (3)
		3.22. Aggregate's resistance to fragmentation – Los Angeles (LA) coefficient	БДС EN 1097-2 (2)
		3.23. California Bearing Ratio (CBR)	БДС EN 13286-47 (1), (2), (3)
		3.24. Linear swelling	БДС EN 13286-47 (1), (2), (3)
		3.25. Liquid limits	БДС EN 17892-12, Casagrande method (1), (2); Annex № 15 to Art. 160, item 3 of Ordinance № ПД-02-02-2, SG 79/2018 (1), (2)
		3.26. Plastic limits	БДС EN 17892-12 (1), (2); Annex № 16 to art. 160, item 3 of Ordinance № ПД-02-02-2, SG 79/2018 (1), (2)
		3.27. Plasticity index	БДС EN 17892-12 (1), (2); Annex № 16 to Art. 160, item 3 of Ordinance № ПД-02-02-2, SG 79/2018 (1), (2)
4.	Mineral filler (fine filler)	4.1. Particle size distribution	БДС EN 933-1
		4.2. Methylene blue value	БДС EN 933-9
		4.3. Water content	БДС EN 1097-5
		4.4. Particles density	БДС EN 1097-7
5.	Grout for prestressing tendons (elements)	5.1. Compressive strength	БДС EN 445, cl. 4.6; БДС EN 196-1

Type of the scope: flexible*			
№	Tested Products	Type of test/ Characteristic	Testing methods (standard/ validated method)
1	2	3	4
6.	Grouted anchors	6.1. Load-bearing capacity of anchors: elongation/ displacement at a given tensile load	БДС EN ISO 22477-5, cl. 10.4
7.	Waterproofing systems	7.1. Tensile adhesion to concrete substrate	БДС EN 13596
8.	Road pavements	8.1. Deflection (Benkelman beam method)	БДС EN 15131
9.	Concrete mixtures	9.1. Slump-test	БДС EN 12350-2
10.	Hardened concrete	10.1. Compressive strength	БДС EN 12390-3
		10.2. Compressive strength of core specimens drilled from concrete test cylinders	БДС EN 12504-1
11.	Shotcrete	11.1. Compressive strength of early-age shotcrete	БДС EN 14488-2, Method A: needle penetration

To perform sampling of:

Type of the scope: flexible*		
№	Product	Sampling methods (standard/ validated method)
1	2	3
1.	Bituminous mixtures	БДС EN 12697-27, cl. 4.1, cl. 4.3, cl. 4.4, cl. 4.6, cl. 4.7
2.	Bitumen	БДС EN 58, cl. 8.1, cl. 8.2.1
3.	Construction soils (1) /Rock materials (2) /Unbound and hydraulically bound mixtures (3)	БДС EN 932-1 (1) (2), (3)
4.	Mineral filler (fine filler)	БДС EN 932-1, cl. 8.3, cl. 8.4, cl. 8.5, cl. 8.7
5.	Concrete mixtures	БДС EN 12350-1
6.	Hardened concrete	БДС EN 12504-1

** БДС EN 12697-9 - Repealed but not replaced standard with regard to the testing method.

***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 the laboratory.

Reference:

Annex № 15 to Art. 160, item 3 of Ordinance № ПД-02-20-2, SG 79/2018 - Method for determining the liquid limit of soil.

Annex № 16 to Art. 160, item 3 of Ordinance № ПД-02-20-2, SG 79/2018 - Method for determining the plastic limit and plasticity index of soil.

Annex № 18 to Art. 160, item 1 of Ordinance № ПД-02-20-2, SG 79/2018 - Method for determining the in-situ bulk density of construction soils using sand replacement method.

I ORDER

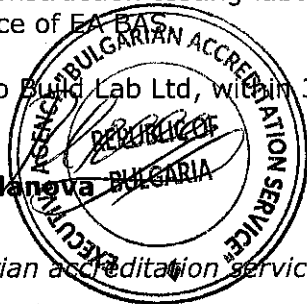
To issue the certificate of accreditation reg. № 188 ЛИ/15.05.2026, valid until 17.01.2028 and this order as an integral part of it.

The certificate of accreditation with the enclosure to be received by the manager of Build Lab Ltd, the head of the Road construction testing laboratory, Mramor, at Build Lab Ltd, or other authorized person in the office of EA BAS

This order shall be notified to Build Lab Ltd, within 3 (three) days from its issuance.

Eng. Mariya Ilieva - Yordanova

*Executive Director
of Executive agency Bulgarian accreditation service*



Изготвил: *[Signature]* 14.07.2026 г., Д. Димитров ст. инспектор, отдел АЛ

Съгласувал: *[Signature]* 14.07.2026 г., Б. Иваничков държ. инспектор, отдел АЛ

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