



ORDER

№ A 123

Sofia, 29.03.2024

Pursuant to Art. 10, para. 1, item 3, Art. 30, para. 1 of the Law on National Accreditation of Conformity Assessment Bodies, item 7 of the BAS QR 2 Accreditation Procedure, in connection with an open procedure reg. № 482/169 ЛИ/ПО/18.05.2023, report reg. № 482/169 ЛИ/ПО/6/В/21.09.2023, annex reg. № 482/169 ЛИ/6/В/12.02.2024 and statement of the Accreditation Commission reg. № 482/169 ЛИ/ПО/7/В/26.03.2024, I hereby

EXTEND THE SCOPE OF ACCREDITATION

**F plus Ltd.
Testing and research laboratory F plus**

Management address:

2042 Kostenets, Kostenets Municipality, Sofia-Region, 16, Konstantin Kostenechki Str.

Laboratory address:

2042 Kostenets, Kostenets Municipality, Sofia-Region, 5-7, Vitosha Str.

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.	Vertical construction elements and constructions Walls, partitions and facades	Fire resistance - load-bearing capacity; - imperviousness; - thermal insulation	БДС EN 1363-1, БДС EN 1363-2 БДС EN 1364-1, БДС EN 1364-3 БДС EN 1364-4, БДС EN 1364-5 БДС EN 1365-1, BS 476-20, BS 476-22, BS 476-21, БДС EN 13501-2*
	Vertical coatings and cladding		БДС EN 1363-1, БДС EN 1363-2, БДС EN 14135, БДС EN 13501-2*
2.	Horizontal construction elements and constructions	Fire resistance - load-bearing capacity; - imperviousness; - thermal insulation	БДС EN 1363-1, БДС EN 1363-2 БДС EN 1364-2, БДС EN 14135; БДС EN 13381-1, BS 476-20, BS 476-22,
	Suspended ceilings, cladding and horizontal fire partitions		

Type of the scope: <i>flexible</i>			
№	Tested products	Type of test / characteristic	Testing methods (standard / validated method)
1	2	3	4
	Roofs, floors and raised floors		БДС EN 13501-2* БДС EN 1363-1, БДС EN 1363-2, БДС EN 1365-2 БДС EN 1366-6, BS 476-20, BS 476-21, БДС EN 13501-2*
3.	Balconies and pedestrian crossing facilities	Fire resistance - load-bearing capacity; - imperviousness; - thermal insulation	БДС EN 1363-1, БДС EN 1363-2, БДС EN 1365-5, БДС EN 13501-2*
4.	Stairs	- fire resistance - load-bearing capacity; - imperviousness; - thermal insulation	БДС EN 1363-1, БДС EN 1363-2, БДС EN 1365-6, БДС EN 13501-2*
5.	Service installations		
	Valves		БДС EN 1363-1, БДС EN 1363-2 БДС EN 1366-2, БДС EN 1366-10+A1, БДС EN.1366-10, БДС EN 13501-3+A1*
	Air ducts and smoke vents	- fire resistance - imperviousness; - thermal insulation	БДС EN 1363-1, БДС EN 1363-2 БДС EN 1366-1, БДС EN 1366-8, БДС EN 1366-9, БДС EN 13501-4*
	Sewers and shafts		БДС EN 1363-1, БДС EN 1363-2, БДС EN 1366-5, БДС EN 13501-3+A1*
6.	Doors, closing equipment, openable windows and conveyor systems	Fire resistance - imperviousness; - thermal insulation	БДС EN 1363-1, БДС EN 1363-2, БДС EN 1634-1+A1, БДС EN 1634-2, БДС EN 1366-7, BS 476-20, BS 476-22, БДС EN 13501-2*
		Smoke leakage	БДС EN 1634-3, БДС EN 1634-3/AC БДС EN 13501-2*
		Mechanical testing	БДС EN 14600, БДС EN 1911 БДС EN 13501-2*
7.	Fire and smoke control systems	Temperature/time; Reliability and durability; Reaction time; Holes, gaps and free spaces; Reliability; Thermal resistance; Opening under load.	БДС EN 1363-1, БДС EN 1363-2, БДС EN 12101-1, БДС EN 12101-2
8.	Construction elements and structures and fire protection for them		
	Made of wood	Fire resistance	БДС EN 1363-1

Type of the scope: flexible			
№	Tested products	Type of test / characteristic	Testing methods (standard / validated method)
1	2	3	4
		- load-bearing capacity; - imperviousness; - thermal insulation	БДС EN 1363-2 БДС EN 1365-3 БДС EN 1365-4 БДС EN 13381-7 BS 476-20 BS 476-23, БДС EN 13501-2*
	Made of metal		БДС EN 1363-1 БДС EN 1363-2 БДС EN 1365-3 БДС EN 1365-4, БДС EN 13381-4, БДС EN 13381-6, БДС EN 13381-8, EAD 350402-00-1106, EAD 350140-00-1106 EAD 350142-00-1106, BS 476-20, BS 476-23, БДС EN 13501-2*
	Made of reinforced concrete		БДС EN 1363-1, БДС EN 1363-2, БДС EN 1365-3, БДС EN 1365-4, БДС EN 13381-2, БДС EN 13381-3, БДС EN 13381-5, БДС EN 13501-2*
9.	Filler gaskets and gaskets for linear joints	Fire resistance - imperviousness; - thermal insulation	БДС EN 1363-1, БДС EN 1363-2, БДС EN 1366-3, БДС EN 1366-4, BS 476-20, BS 476-22, БДС EN 13501-2*
10.	Service ducts and shafts	Fire resistance - load-bearing capacity; - imperviousness; - thermal insulation	БДС EN ISO 11925-2 БДС EN 13501-1*
11.	Structural materials and materials for interior furnishings		
	Electrical products and plastics	- Presence of self-ignition; - Passage of the flame of the marks; - Minimal burn time and damaged length; - Mean linear burn rate; - Self-burning time; - Residual glow time; - Presence of dripping particles; - Total residual burning time; - Getting the flame up to the mark.	БДС EN 60695-11-10 БДС EN 60695-11- 10/AC, БДС EN ISO 9773
	Textiles	- Presence of ignition; - Time to reach the flame to the threads; - Fire spread rate.	БДС EN 1102 БДС EN ISO 6941
		- Presence of ignition;	БДС EN 1101

Type of the scope: <i>flexible</i>			
Nº	Tested products	Type of test / characteristic	Testing methods (standard / validated method)
1	2	3	4
		- Ignition time (average and minimum); - Average ignition time.	БДС EN ISO 6940
	Thermal insulation materials	- Burnt length; - Burning time; - Burning rate; - Lighting a cotton swab.	БДС ISO 9772 БДС EN ISO 3582
12.	Non-metallic coating	Thickness	БДС 15600 БДС EN ISO 2808
13.	Roofs	Reaction to external fire	СД CEN/TS 1187, method 1 БДС EN 13501-5*
14.	Electric and optical cables	Vertical flame spread	БДС EN 60332-1-2/A1 БДС EN 13501-6*
15.	Upholstered furniture	Combustion criteria - appearance of flame. Criteria for smoldering: - dangerous escalating burning; - the test sample burns completely; - smoldering reaching the edges; - smoldering covering the entire thickness; - smoldering for more than 1h; - signs of active smoldering combustion.	БДС EN 1021-1 БДС EN 1021-2

Note:

***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.*

* Method used for fire classification of building products and building elements.

II. Accreditation for the purposes of horizontal notification by essential characteristic, according to Annex V.3 of Regulation (EU) No. 305/2011 of March 9, 2011 for the determination of harmonized conditions for the supply of construction products on the market:

Type of the scope: <i>fixed</i>			
Nº	Essential characteristic	Harmonized technical specification	CAB's activities
1	2	3	4
1.	Fire resistance	БДС EN 1364-1:2015 БДС EN 1364-2:2018 БДС EN 1364-3:2014 БДС EN 1364-4:2014 БДС EN 14135:2005 БДС EN 1365-2:2015 БДС EN 1365-3:2002 БДС EN 1366-1:2014+A1:2021 БДС EN 1366-2:2015 БДС EN 1366-3:2022 БДС EN 1366-4:2021 БДС EN 1366-5:2021 БДС EN 1366-6:2005 БДС EN 1366-7:2005 БДС EN 1366-8:2005	Test

Type of the scope: <i>fixed</i>			
Nº	Essential characteristic	Harmonized technical specification	CAB's activities
1	2	3	4
		БДС EN 1366-9:2008 БДС EN 1366-10:2023 БДС EN 1366-10:2011+A1:2017 БДС EN 1634-1:2014+A1:2018 БДС EN 1634-2:2009 БДС EN 1634-3:2005 БДС EN 1634-3:2005/AC: 2006 БДС EN 13381-1:2020 БДС EN 13381-2:2014 БДС EN 13381-3:2015 БДС EN 13381-4:2013 БДС EN 13381-5:2014 БДС EN 13381-6:2012 БДС EN 13381-7:2019 БДС EN 13381-8:2013	
2.	Fire resistance	БДС EN ISO 11925-2:2020	Test

Note:

Fixed scope reference: According to Annex V.3 of Regulation (EU) Nº 305/2011 of 09.03.2011 on the determination of harmonized conditions for the marketing of construction products.

I ORDER

To issue the certificate of accreditation reg. Nº 169 ЛИ/29.03.2024, valid until 29.01.2025, and this order as an integral part of it.

The certificate of accreditation with the enclosure should be obtained from the manager / representative of F plus Ltd, the head of Testing and research laboratory F plus, at F 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. Nº 169 ЛИ/06.10.2022, valid until 29.01.2025 and its enclosure – EA BAS order reg. Nº A 590/06.10.2022.

This order shall be notified to the Testing and research laboratory F plus, at F plus Ltd, within 3 (three) days from its issuance.

Eng. Irena Borislavova

Executive Director of EA BAS

