



Center for
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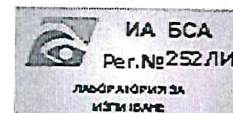
CENTER FOR TESTING AND EUROPEAN CERTIFICATION
NOTIFIED BODY NB 1871

23, Sv.Patriarh Evtimii Blvd., Stara Zagora 6000, Bulgaria
tel. +359 42 620 368. fax +359 42 602 377. e-mail: ctec@ctec-sz.com

ЛАБОРАТОРИЯ ЗА ИЗПИТВАНЕ НА СТРОИТЕЛНИ ПРОДУКТИ
гр.Стара Загора, ул.“Индустиална“ № 2

ИА БСА е страна по многостранно споразумение ЕА МЛА

Сертификат за акредитация, рег. № 252 ЛИ /17.06.2022г., валиден до 17.06.2026г,
издаден от ИА БСА, съгласно изискванията на стандарт БДС EN ISO/IEC 17025:2018



REPORT
FROM TESTING

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№ 1 42 0913 / 27.06.2022

1. **Product of testing:** Construction products, products and constructive elements –**Self-adhesive aluminum tape** with a declared thickness of 90-95 μ . Manufacturer: LIKK, join stock company, , Dovatora street 14, 398024 Lipetsk, Russian Federation
2. **Applicant of the testing:** LLC “TSU- RUS” Russia, 115127, Moscow, st. Yu. Fuchik, 17-19, Russia,
3. **Application for the testing:** № 3-0580/08.06.2022, without a sampling protocol from CPTL, Contract 1871NB- 384- RtF/24.03.2022
4. **Location of performance of the testing:** Construction Product Testing Laboratory (CPTL)
5. **Test methods:**
BDS EN 13823:2020 Reaction to fire tests for building products - Building products excluding floorings exposed to the thermal attack by a single burning item
6. **Date of delivery of the sample for testing to the laboratory:** 08.06.2022
7. **Description of the sample obtained:** for 10m².
8. **Date/s/ of performance of the testing:** 23.06.2022

For Head of laboratory:.....
(eng. K.Boycheva)



9. Results from testing:

3 samples were tested. They were prepared on a standard substrate from steel sheet with 8 mm thickness. They have identification as follow:

№ 0800-1/1: with a height of 1500 mm and width 1000 mm; a height of 1500 mm and width 500 mm

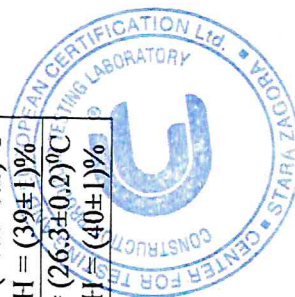
№ 0800-1/2: with a height of 1500 mm and width 1000 mm; a height of 1500 mm and width 500 mm

№ 0800-1/3: with a height of 1500 mm and width 1000 mm; a height of 1500 mm and width 500 mm

№	Name of testing/ characteristic	Unit of measure	Test method	Diary sample №	Test results (uncertainty)	Environmental conditions
1	2	3	4	5	6	7
1.	Thermal attack by a single burning item					
1.1	Fire growth rate index FIGRA _{0.2 MJ}	W/s	BDS EN 13823:2020	0800-1/1	0.0	T= (27.6±0.2)°C RH = (35±1)%
				0800-1/2	29.0	T= (26.2±0.2)°C RH = (39±1)%
				0800-1/3	12.5	T= (26.3±0.2)°C RH = (40±1)%
				0800-1/1	0.0	T= (27.6±0.2)°C RH = (35±1)%
1.2	Fire growth rate index FIGRA _{0.4 MJ}	W/s	BDS EN 13823:2020	0800-1/2	0.0	T= (26.2±0.2)°C RH = (39±1)%
				0800-1/3	12.5	T= (26.3±0.2)°C RH = (40±1)%
				0800-1/1	0.5	T= (27.6±0.2)°C RH = (35±1)%
1.3	Totally heat release for 600 s - THR _{600s}	MJ	BDS EN 13823:2020	0800-1/2	0.8	T= (26.2±0.2)°C RH = (39±1)%
				0800-1/3	0.6	T= (26.3±0.2)°C RH = (40±1)%



№	Name of testing/ characteristic	Unit of measure	Test method	Diary sample №	Test results (uncertainty)	Environmental conditions
1	2	3	4	5	6	7
1.4	Presence of lateral flame spread	-	BDS EN 13823:2020	0800-1/1	No	T= (27.6±0.2)°C RH = (35±1)%
				0800-1/2	No	T= (26.2±0.2)°C RH = (39±1)%
				0800-1/3	No	T= (26.3±0.2)°C RH = (40±1)%
1.5	Smoke growth rate index SMOGRA	m ² /s ²	BDS EN 13823:2020	0800-1/1	3.3	T= (27.6±0.2)°C RH = (35±1)%
				0800-1/2	0.0	T= (26.2±0.2)°C RH = (39±1)%
				0800-1/3	1.4	T= (26.3±0.2)°C RH = (40±1)%
				0800-1/1	38.0	T= (27.6±0.2)°C RH = (35±1)%
1.6	Total smoke production within 600 s - TSP _{600s}	m ²	BDS EN 13823:2020	0800-1/2	30.8	T= (26.2±0.2)°C RH = (39±1)%
				0800-1/3	32.7	T= (26.3±0.2)°C RH = (40±1)%
				0800-1/1	No	T= (27.6±0.2)°C RH = (35±1)%
1.7	Production of flaming droplets and particles	-	BDS EN 13823:2020	0800-1/2	No	T= (26.2±0.2)°C RH = (39±1)%
				0800-1/3	No	T= (26.3±0.2)°C RH = (40±1)%



10. Additions to, deviations, or exclusions from the test methods: No

11. Additional information required by the test method BDS EN 13823:2020

- Conditioning on the test specimens (at a temperature of (23 ± 2) °C and a relative humidity of (50 ± 5) %) – 2 weeks;
- Note: "The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use."

Note I: The test results apply to the tested samples only.

Note II: The report from testing shall not be reproduced except in full, without approval of the laboratory.

Note III: The laboratory has not been responsible for the sampling stage when the sample has been provided by the customer.

„В случай на недоразумение е валидна версията на български език / In case of misunderstanding, the Bulgarian version is valid“

Tested by:
(A.Laskov)

For Head of laboratory:
(eng. K. Boycheva)



END