



BUILDING RESEARCH INSTITUTE - NISI

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TESTING LABORATORY FOR CONSTRUCTION PRODUCTS (ILSM)

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Accreditation Certificate reg. 47 ЛИ /22.07.2021.
Issued from EA „BAS" according to BDS EN/IEC 17025:2018 / IEC 17025:2018 requirements

Фк 708-1
Page 1 of 3

TEST REPORT

No. 843 / 08.11.2021

1. REINFORCEMENT NETS AND SEALING TAPES MADE OF GLASS AND POLYMER FIBRES

Fibreglass reinforcing mesh

Commercial name: Fiberglass mesh 145 gram

2.

Application № ILSM-03-442/08.10.2021

The sample was supplied by the Applicant

(Name of the Applicant, number and date of the Application/protocol for sampling)

3. Test method: BDS EN 1849-1:2004, БДС EN 13496:2013

(Standards number)

4. Date of samples receipt / samples for testing in the laboratory:

08.10.2021, lab № 23

5. Sample quantity for testing: 2,5 m²

(quantity and weight of the samples)

6. Date of the test execution: 09.10 – 05.11.2021

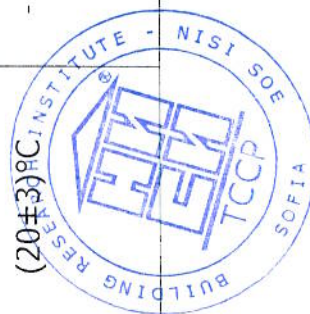
7. Test Location: ILSM, 1 Ilia Beshkov Str., Sofia

HEAD OF ACCREDITED LABORATORY:
(Eng. T. Zahariev)



8. TEST RESULT

Nº	Name of the characteristic	Unit	Standards	Nº of the sample in the register book	Test results (value, indefiniteness k=2; 95 %)	Value and tolerance of the characteristic	Testing conditions	Note
1	2	3	4	5	6	7	8	9
1.	Mass per unit area	g/m ²	BDS EN 1849-1: 2004	843	140	-	(20±3)°C	-
2.	Tensile strength at normal (standard) conditions Cross: - Average value - Minimal single result Longitudinal: - Average value - Minimal single result	N/50 mm	BDS EN 13496: 2013	843	1364 1128 802 633	≥ 40 N/mm ≥ 36 N/mm ≥ 40 N/mm ≥ 36 N/mm	(20±3)°C	-
3.	Elongation at break (average value cross+ longitudinal) - at normal conditions - in aggressive medium	%	BDS EN 13496: 2013	843	7,8 4,3	Value declared by the Manufacturer	(20±3)°C	-



1	2	3	4	5	6	7	8	9
	Tensile strength after storage in aggressive (alkaline) medium Cross: ♦ Average value ♦ Minimal single result Longitudinal: ♦ Average value ♦ Minimal single result	N/50mm	BDS EN 13496: 2013	843	744 614 423 333	≥50% from the strength at normal conditions (standard conditions)	(20±3)°C	-
5.	Ratio between the tensile strength and elongation at break (average value - cross+ longitudinal) ♦ at normal conditions ♦ in aggressive medium	kN/mm	BDS EN 13496: 2013	843	1,2 1,1	≥ 1,0	(20±3)°C	-

9. Declaration of conformity of test results according to specification / standard: not required
(the results for which conformity is declared are identified)

NOTES:

Test results only apply to the test samples.

The product identification information in the present test report is provided by the applicant. The laboratory is not responsible if the information provided by applicant affects the results validity.

The test report may be reproduced in its entirety only with the written consent of the Testing Laboratory.

The laboratory does not provide opinions and interpretations of the test results.

THE TEST WAS EXECUTED BY: 
(Eng. S. Dinev)

HEAD OF ACCREDITED LABORATORY: 
(Eng. T. Zahariev)





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Application № ILSM-03-442/08.10.2021

The sample was supplied by the Applicant

(Name of the Applicant, number and date of the Application/protocol for sampling)

3. Test method: ETAG-004 (EOTA):2013

(Standards number)

4. Date of samples receipt / samples for testing in the laboratory:

08.10.2021, lab № 23

5. Sample quantity for testing: 2,5 m²

(quantity and weight of the samples)

6. Date of the test execution: 09.10 – 05.11.2021

7. Test Location: ILSM, 1 Ilia Beshkov Str., Sofia

HEAD OF ACCREDITED LABORATORY:
(Eng. T. Zahariev)



8. TEST RESULT

Nº	Name of the characteristic	Unit	Standards	Nº of the sample in the register book	Test results (value, indefiniteness k=2; 95 %)	Value and tolerance of the characteristic	Testing conditions	Note
1	2	3	4	5	6	7	8	9
						B/C EN 13499:2004		
1.	Organic content	%	ETAG-004 (EOTA): 2013	843-1	86,47	-	t = 625 °C	-

9. Declaration of conformity of test results according to specification / standard: not required
(the results for which conformity is declared are identified)

NOTE:

Test results only apply to the test samples.



THE TEST WAS EXECUTED BY:
(Eng. A. Savova)

HEAD OF ACCREDITED LABORATORY:

(Eng. T. Zahariev)

