

LABORATORIUM BADAWCZE MATERIAŁÓW BUDOWLANYCH I FIZYKI BUDOWLI

Katedra Fizyki Materiałów Budowlanych i Budownictwa Zrównoważonego Politechnika Łódzka
Al. Politechniki 6 93-590 Łódź
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TESTING LABORATORY OF BUILDING MATERIALS AND BUILDING PHYSICS
LODZ UNIVERSITY OF TECHNOLOGY
Al. Politechniki 6 93-590 Łódź
tel./fax (042) 631 35 62, 631 35 56

Laboratory accredited by
Polish Center for
Accreditation

Accreditation Certificate of
Testing Laboratory
No. AB 499



AB 499

The accreditation status and validity
of the scope of accreditation can be
confirmed on the PCA website
www.pca.gov.pl

TEST REPORT

No. MB/09/2023

Topic:

Product sample:
PLEXMIX

Agreement No.:

Nr I-162/K-62/07/2023-NU

Customer:

EUROSTEP POLAND
Tymiankowa 37/39
95-054 Ksawerów
NIP: 731-001-22-54

Date of order:

15.06.2023

Date of publication:

16.06.2023

POLITECHNIKA ŁÓDZKA
Katedra Fizyki Materiałów Budowlanych
i Budownictwa Zrównoważonego
LABORATORIUM BADAWCZE
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al. Politechniki 6, 90-924 Łódź

Laboratorium Badawcze
Materiałów Budowlanych i Fizyki Budowli
KIEROWNIK LABORATORIUM

dr inż. Piotr KONCA

.....
Researchers

.....
Authorized by

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LODZ UNIVERSITY OF TECHNOLOGY

al. Politechniki 6, 90-924 Łódź, Poland, tel./fax. (042) 631 35 56,

Customer:

EUROSTEP POLAND
Tymiankowa 37/39
95-054 Ksawerów
NIP: 731-001-22-54

Product, object: **PLEXMIX**

accepted for tests on the day of 15.06.2023, at the protocol No. MB/09/2023, according to the procedure, tested in the period from 15.06.2023 to 16.06.2023.

Test methods and procedures: test methods and procedures are in accordance with the Polish Standard: EN 13813:2003

(PN-EN 13892-2:2004)

Test results

Tested features	Test results					
Flexural strength PN-EN 13892-2:2004	24,10		14,20		25,05	
	21,1 ± 12,1 N/mm ²					
Compressive strength PN-EN 13892-2:2004	73,8	76,80	77,45	76,65	83,45	82,95
	0	78,5 ± 8,9 N/mm ²				
Density* PN-EN 13892-2:2004	2,227		2,238		2,215	
	2,23 ± 0,13 g/cm ³					

* Tests not included into procedures accredited by the Polish Center for Accreditation (PCA)

<i>Researcher</i> tech. Marcin Rojek	<i>Signature</i> 	<i>Authorized by</i> Piotr Konca, Ph.D.	<i>Signature</i>
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Other test information:

Estimation of the expanded measurement uncertainty with a confidence level of approx. 95% and coverage factor $k = 2,0$.

Samples made and delivered to the laboratory by the Client. No information on conditioning method prior to delivery of samples to the laboratory.

Seasoning procedure:

The samples were conditioned at the temperature of $(23 \pm 2)^\circ\text{C}$ and relative air humidity of $(50 \pm 5)\%$ for 24 hours.


Tests were performed using a Matest C089PN606 testing machine; measuring range 0-15 kN and 0-250 kN - Calibration Certificate 16/2022-M3 dated 27.01.2022 issued by ToRoPoL Sp. z o.o. Calibration Laboratory (accreditation no. AP130).

Researcher:
tech. Marcin Rojek



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(title, signature)

Laboratorium Badawcze
Materiałów Budowlanych i Fizyki Budowli
KIEROWNIK LABORATORIUM

dr inż. Piotr KONCA

Place, date: Lodz, 16.06.2023

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