NATIONAL DECLARATION OF PERFORMANCE

1.Product name/intended use **Eco grid Oplast H40 / Type C**

Manufacturer:

Oplast-recykling Sp .zo.o.
Winduga 6
87-617 Bobrowniki

National technical specification:

The national body for technical assessment **The Road and Bridge Research Institute**
National Technical Assessment **IBDiM-KOT 2023/0951 edition 1**

4. Intended use of the product:
- banks protection for drainage ditches,
- reinforcement and protection of slopes against erosion

4.1 Roads:
a) access roads marked with the symbol D,
b) pedestrian routes,
c) bike routes,
d) pedestrian and bike routes within the meaning of and in compliance with the pro visions determined in the regulation of the Minister of Infrastructure of 24 June 2022 on the technical and building regulations for the public roads (Journal of Laws of 2022, item 1518)

4.2 Internal roads without restrictions
within the meaning of provisions of the act of 21 March 1985 on public roads (Journal of Laws of 2022, item 1693 as amended).

4.3 Rail earth structures limited to:
a) side slopes of fill slopes and backslopes:
within the meaning of and in compliance with the conditions specified in the regulation of the Minister of Transport and Maritime Economy of 10 September 1998 on technical conditions for rail civil structures and their location (Journal of Laws of 1998, item 987 as amended).

4.4 Civil airports - airport grass pavings with initial backfill limited to,
a) surfaces of runways, INTENDED
b) surfaces of taxiways,
c) surfaces of airsides,
d) surfaces of demarcated parking spaces,
e) for landing areas for take-offs and landings of aircraft of maximum take-off mass (MTOM) to 300 kg limited to:
- surfaces of airsides,
- surfaces of demarcated parking spaces, within the meaning of and in compliance with the conditions specified in the regulation of the Minister

5. Declared performance

Product specification	Performance
Dimensions	500x500x40 +/-3%
Weight	1,3kg/1pc +/-3%
Appearance	Black/graphite, smooth surface, without damages
Raw material	100 % recycled PP/PE
compressive strength at +20 C according to PB/TW-2/148/2019 test method	≥2,5 MPa/m2 (250t/m2)
Decrease in the compressive strength at Y+30 °C	Rc ≤ 30
Decrease in the compressive strength at Y -20 °C	Rc ≥ 50
Decrease in the compressive strength at Y +60 °C	Rc ≤ 60
Decrease in the compressive strength at Y +20 °C/B	RC≤ 30
Permissible compressive load	>2500kN/m2 (declared by the manufacturer)
Biologically active area	88,2% (declared by the manufacturer)
Verification of constancy of performance system	System 4
Conformity with the standard	PB/TW-2/148/2019

The performance complies with the properties mentioned above. The declaration has been prepared and issued under the sole responsibility of the manufacturer.

On behalf of the manufacturer

OPLAST-RECYKLING
Spółka z ograniczoną odpowiedzialnością
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Osoba upoważniona do wystawienia dokumentu

(signature)

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