DECLARATION OF PERFORMANCE
No. NATANPLAST/1/N50 PLUS/2024

1. *Technical name and trade name:* **Ecogrid NATAN PLAST N50 PLUS**
   Openwork road slabs, prefabricated from plastics to cover vehicle and pedestrian traffic areas.

2. *Designation of the construction product type:* **Ecogrid NATAN PLAST A**

3. *Intended use of the product:*

   NATAN PLAST A Ecogrid:
   - parking spaces for trucks,
   - access roads,
   - landing sites for take-offs and landings of aircraft with a maximum take-off weight (MTOM) of up to 495 kg (only with grass sowing).

4. *Scope of product application:*

   Ecogrid NATAN PLAST for intended use in communication construction in the scope of:

   - public roads, without restrictions,
   - internal roads, without restrictions ,
   - civil airports, with restrictions:
   - railways, limited to embankment slopes,

5. *Manufacturer's name and address:* **NATAN PLAST Sp. z o. o. ; 43-410 Zebrzydowice ; UL. Nowy Dwór 4**
   Production plant no. 2; 43-410 Zebrzydowice; UL. Nowy Dwór 4

6. *Name and address of authorized representative:* **Not applicable**

7. *National system used for assessment and verification of constancy of performance:* **System 4**

8. *National technical specification:*
   National Technical Assessment Body: **Road and Bridge Research Institute**
   National Technical Assessment: **IBDiM-KOT-2022/0818 edition 2**
   Accreditation number: **AC 052**

9. Declared performance properties:

Essential characteristics of the construction product:	Functional properties:
Weight	1.85 kg/pc ± 4%
Dimensions	500/500/50 [mm] ± 3%
Appearance	- uniform colour - smooth surface without recesses or damage - edge nicks and scratches unacceptable
Compressive strength at +20°C	>2.5[MPa]
Decrease in compressive strength rc relative to compressive strength at +20 °C in conditions Y= +30 °C	rc ≤ 30
Decrease in compressive strength rc relative to compressive strength at +20 °C in conditions Y= +60 °C	rc ≤ 60
Decrease in compressive strength rc relative to compressive strength at +20 °C in conditions Y= -20 °C	| rc | ≥ 50
Decrease in compressive strength rc relative to compressive strength at +20 °C under conditions Y= +20 °C /B	| rc |≤ 30
Biologically active surface	89%
Additional performance properties declared by the manufacturer:	Functional properties:
Runoff coefficient	0.12-0.20
Compressive strength, minimum:	>4000kN/m2
Permissible axle load, minimum:	>300kN/axle
Compressive strength for filled card:	< 1000t
Recycled content:	100%
Raw material composition:	PP,PE
Application for fire roads according to the National Technical Assessment - IBDiM	YES

The performance properties of the product specified above are consistent with the set of declared performance properties.

This national declaration of performance is issued under the sole responsibility of the manufacturer identified above.

Signed on behalf of the manufacturer by:

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Zebrzydowice, 09/07/2024