

Declaration of Performance Characteristics

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1. Unique identification No of the type of product:
NV type biological treatment plants of domestic waste water:
 - NV-1 a, NV-1 m, NV-1 t;
 - NV-2 a, NV-2 m, NV-2 t;
 - NV-3 a, NV-3 m, NV-3 t;
 - NV-4 a, NV-4 m, NV-4 t.
2. Product application: **treatment of domestic and similar wastewater.**
3. Producer: **Traidenis UAB, Pramonės g. 31B, LT-62175 Alytus, Lietuva (Lithuania).**
4. Authorised representative:
5. System of assessment and verification of constancy of performance of the construction product: **3.**
6. Harmonised standard: **EN 12566-3:2005+A2:2013.**
 Notified authority: **NB1397, Statybos produkcijos sertifikavimo centras, VĮ (SPSC).**
7. Declared performance characteristics:

Performance characteristic	Declared value	Technical specification
Treatment efficiency (when loading with organic materials, $BOD_7 = 0.216 \text{ kg/d}$)	BOD ₇ : 94.3 % COD: 88.9 % Z: 95.1 % P: 58.8 % N _{Kj} : 86.8 % NH ₄ -N: 87.8 %	EN 12566-3:2005+A2:2013, Annex B
Nominal loading with organic materials (BOD₇): - NV-1 a, NV-1 m, NV-1 t - NV-2 a, NV-2 m, NV-2 t - NV-3 a, NV-3 m, NV-3 t - NV-4 a, NV-4 m, NV-4 t	0.28 kg/d 0.56 kg/d 0.98 kg/d 1.33 kg/d	EN 12566-3:2005+A2:2013, Annex B
Nominal waste water flow rate (QN): - NV-1 a, NV-1 m, NV-1 t - NV-2 a, NV-2 m, NV-2 t - NV-3 a, NV-3 m, NV-3 t - NV-4 a, NV-4 m, NV-4 t	0.80 m ³ /d 1.44 m ³ /d 2.52 m ³ /d 3.42 m ³ /d	EN 12566-3:2005+A2:2013, Annex B
Leaktightness	Secured	EN 12566-3:2005+A2:2013, Annexes A.2 and A.3
Load bearing capacity: - NV-1: - maximum designed load - maximum depth of digging-in - NV-2: - maximum designed load - maximum depth of digging-in - NV-3: - maximum designed load - maximum depth of digging-in - NV-4: - maximum designed load - maximum depth of digging-in	43.3 kPa 2.53 m 39.7 kPa 3.51 m 39.7 kPa 3.94 m 39.7 kPa 4.22 m	EN 12566-3:2005+A2:2013, Annex C.5 EN 976-1:2000 Section 6.8

Performance characteristics of the aforementioned product comply with all the declared performance characteristics. This Declaration of Performance Characteristics is issued in accordance with the Regulation (EU) No 305/2011 and content of it shall be the sole responsibility of the producer referred to therein.

Signature on behalf of the producer:

[name, surname]

[place, date]

[signature]