According to regulation (EU) no 305/2011 of the European Parliament and of the Council annex III

Declaration of Performance

No. 2023-05-09-01
for product
small wastewater treatment system „EcoLife BioC5“, “EcoLife BioC9” ja EcoLife BioC15”

1. Unique identification code of the product-type:

EcoLife BioC5- 70004755
EcoLife BioC9- 70023086
EcoLife BioC15- 70023087

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

Product label + product catalogue

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

to be used outside buildings for feces water and organic effluent for a population up to 15 PE

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

Pipelife Eesti AS
small wastewater treatment system „EcoLife BioC5“
Põrguvälja tee 4, Lehmja, Rae vald, 75306 Harjumaa, EESTI

Pipelife Eesti AS
small wastewater treatment system „EcoLife BioC9“
Põrguvälja tee 4, Lehmja, Rae vald, 75306 Harjumaa, EESTI

Pipelife Eesti AS
small wastewater treatment system „EcoLife BioC15“
Põrguvälja tee 4, Lehmja, Rae vald, 75306 Harjumaa, EESTI

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

Not applicable

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 3

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

Technical Assesment Body no 1397 STATYBOS PRODUKCIJOS SERTIFIKAVIMO CENTRAS (SPSC) performed under system 3 type tests and issued test reports No. 1397-CPR-171/C.6, No. 1397-CPR-172/A.2 and No. LAB-06_B
EcoLife BioC15 test protocols- No.1397-CPR-245/C.6 ja No. 1397-CPR-246/A.2
EcoLife BioC5 and EcoLife BioC15 cover BioC9 typetests.

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

Not applicable

9. Declared performance:

Essential characteristics		Performance			Harmonised technical specification
Type		EcoLife BioC5	EcoLife BioC9	EcoLife BioC15	EN 12566-3:2016
Material		PE			
Power consumption		260 KWh/yr			
Treatment capacity (nominal designation):		6 IE	10 IE	15 IE	
Watertightness		watertight	watertight	watertight	
Load bearaing capacity	Pit depth:	1,80m	C5 and C15 tests cover the product	2,11mm	
	Water level:	1,14m		1,35mm	
	Durability:	Pass		Pass	
Effectiveness of treatment expressed as:					
Treatment efficiency (nominal hydraulic load 0,6 m^3/d)		COD	91,3%-96,1%	32,0 mg/l	
		BOD5	96,4%-98,5%	7,0 mg/l	
		SS	93,2%-97,1%	17,3 mg/l	
		Nkj	81,7 (94,4*) %	3,85 (1,40*) mg/l	
		Ntot	26,5 (42,4*)%	18,6 (14,5*) mg/l	
		P	30,80%	4,11 mg/l	
		NH4-N	85,7 (99,2*)%	2,59 (0,203*) mg/l	
		No2-N	-	0,154 (0,025*) mg/l	
		NO3-N	-	14,6 (13,1*) mg/l	
		*-values if temperatures in aeration chamber below 12°C from calculations are excluded.			

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

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This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Lembit Salla
Pipelife Eesti AS Plant Manager

Põrguvälja tee 4, Lehmja, Rae vald, 75306 Harjumaa, EESTI
Issued on 9th of February 2021

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