

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

# Declaration of Performance

No. 2018-08-10-01

for product

small wastewater treatment system „EcoLife BioC5“

1. Unique identification code of the product-type:

**390285**

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

**batch number on the label on the product base**

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 faeces water and organic effluent for a population up to 50 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**

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 Assessment 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**

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
<b>Material:</b>	PE			EN 12566-3:2005+A2:2013
<b>Effectiveness of treatment expressed as:</b>				
Treatment efficiency (nominal hydraulic load 0,6 m <sup>3</sup> /d)	COD	91,3%	32,8 mg/l	
	BOD <sub>5</sub>	96,4%	7,0 mg/l	
	SS	93,2%	17,3 mg/l	
	N <sub>kj</sub>	81,7 (94,4*)%	3,85 (1,40*) mg/l	
	N <sub>tot</sub>	26,5 (42,4*)%	18,6 (14,5*) mg/l	
	P	30,8%	4,11 mg/l	
	NH <sub>4</sub> -N	85,7(99,2*)%	2,59 (0,203*) mg/l	
	NO <sub>2</sub> -N	-	0,154 (0,025*) mg/l	
	NO <sub>3</sub> -N	-	14,6 (13,1*) mg/l	
*-values if temperatures in aeration chamber below 12°C from calculations are excluded.				

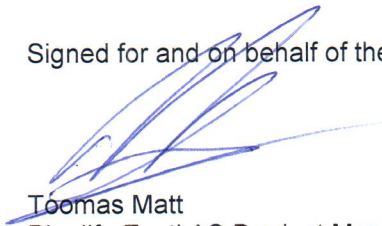
<b>Power consumption:</b>	0,6 kWh/d	
<b>Treatment capacity (nominal designation):</b>	4 PT (population total)	
<b>Watertightness:</b>	Pass	
<b>Crushing resistance:</b>		
<b>Load bearing capacity:</b>	Pit depth: 1,8 m WET, water level: 1,14 m	
<b>Durability:</b>	Pass	

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



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:



Toomas Matt  
Pipelife Eesti AS Product Manager

Põrguvälja tee 4, Lehmja, Rae vald, 75306 Harjumaa, EESTI  
Issued on 10<sup>th</sup> of August 2018



Inspecta Estonia OÜ