

Declaration of Properties

No:



1. Unique product type identification code

Identifier	A		B	C	D	E	F
BIO CLEANER BC*	4	12	35	no marking (circular)	PE	no marking	ULTIMATE MBR
	6	16	40	K (rectangular)	PP	with a lid	P-LESS (with phosphor precipitation)
	8	20	50		SL	with an attachment	
				B	N (Not self-supporting)		

* according to the specified identifier

2. Type, series or serial number or any other element identifying construction products according to Art. 11, Section 4:

Serial Number: see the number of the Declaration

3. Intended use or intended uses of the construction product in compliance with the relevant harmonized technical specification according to the qualification of the Producer: Biological Activation Wastewater Treatment Plant

4. Name, business or registered trademark and contact address of the Producer according to Art. 11, Section 5:

ENVI-PUR s.r.o., Na Včovce 13/4, 160 00 Prague 6, Dejvice

5. Name and contact address of an authorized representative with power of attorney related to the tasks specified in Art. 12, Section 2: ENVI-PUR Belgorod

6. System or systems of assessing and verifying the stability of the properties of construction products as specified in Annex V: 3

7. In case of a declaration of properties regarding a construction product which the harmonized standard applies to:

The Prague Technical and Testing Institute for Construction, Notified Body No. 1020, Prosecka 76, Prague 9, company identification code: 00015679, executed an initial test of the product type according to System 3 and issued a Properties Assessment Nr. 1020-CPR-090040582

8. In case of a declaration of properties regarding a construction product which a European technical assessment has been issued for: -

9. Properties specified in the Declaration

Basic Characteristics	Property	BC ULTIMATE MBR	Harmonized Technical Specifications
Purification efficiency degree	COD (mg/l)	99%	EN 12566-3 + A2:2013
	BOD ₅ (mg/l)	97%	
	SS (mg/l)	99%	
	N-NH ₄ ⁺ (mg/l) ¹⁾	88%	
	N _{total} (mg/l)	83%	
	P _{total} (mg/l) ²⁾	-/99%	
	Enterococci (KTJ/100ml)	100,00%	
	Escherichia coli (KTJ/100ml)	99,99%	
	Fecal coliform bacteria (KTJ/100ml)	99,99%	
	Coliform bacteria (KTJ/100ml)	100,00%	
Somatic coliphage (KTJ/100ml)	98,56%		
Rated organic daily load	0,24 / 0,36 / 0,48 / 0,72 / 0,90 / 0,96 / 1,20 / 2,10 / 2,40 / 3,00 kg BSK ₅ ⁶⁾		
Rated daily flow	0,6 / 0,9 / 1,2 / 1,8 / 2,4 / 3,0 / 5,25 / 6,0 / 7,5 m ³ ⁶⁾		
Water tightness	Passed the water test		
Holding capacity	Passed the calculation for load by hydrostatic pressure, soil (1850 kg/m ³ ; 36°), DRY / load by hydrostatic pressure, soil (1800 kg/m ³ ; 36°), lids (2,5 kN/m ²), DRY/ NPD / NPD / load by hydrostatic pressure, soil (1850 kg/m ³ ; 42°), lids (2,5 kN/m ²), DRY/load by hydrostatic pressure, soil (1850 kg/m ³ ; 42°), lids (2,5 kN/m ²) ⁷⁾		
Durability	Passed the test for PP ⁸⁾		
Fire resistance	F		
Effect of dangerous substances	NPD		

Comment: the values mentioned in "Declaration of properties", are achieved according to the EN 12566-3+A2

1) EP = equivalent person is defined pollution value 60 g BOD₅ per day and waste water value 150 l/day

2) WWTP rated polluting mater and hydraulic load must not be exceeded

3) initial load N_{total} max. 11 g/person*d

4) average value from all measured values

5) geometric mean

6) according to Identifier A for 4 / 6 / 8 / 12 / 16 / 20 / 35 / 40 / 50

7) according to Identifier A for 4 / A+C, pro 6, 8, 12, 16 PP / A+B+C+D for 16, 20, 40, 50 K PP / A+B+C+D for 16, 20, 40, 50 K PP N (not self-supporting) / A+C for 16, 20, 35, 40, 50 PP N (not self-supporting)

8) according to Identifier A for 4 / C for PP

11) water temperature on the outlet T > 12°C

12) with P-LESS (phosphorus precipitation)

ENVI-PUR, s.r.o.

Na Včovce 13/4, 160 00 Praha 6

Provozovna:

Wilsonova 420, 392 01 Soběslav

Tel.: 381 203 256, fax: 381 251 79

IČO: 25166077 DIČ: CZ25166077

10. The product property specified in Item 1 and 2 is in accordance with the property specified in Item 9.

This Declaration of Properties is issued at the sole responsibility of the Producer specified in Item 4.

Signed for and on behalf of the Producer:

In Sobeslav on 1. 4. 2020


Milan Drda
Executive and Technical Director



ENVI-PUR, s.r.o.

Na Včovce 13/4

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Czech Republic

Reg. no: 251 66 077 • VAT no: CZ25166077

File number 167596C, registered in the Commercial

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