## **Declaration of Properties**

Number:

## envi-pu

## 1. Unique product type identification code

Identifier	1974 - C	Α	01	В	C	D	< 1 m11	E	F
BIO CLEANER	4	15	35	no marking (circular)	no marking	no marking	BASIC	BASIC DUO	no marking (no phospsorus precipitation)
BC*	6	16	40	K (rectangular)	PE	with a lid	OPTIMA	OPTIMA DUO	P-LESS (with phosphor precipitation)
	8	20	45		PP	with an attachment	COMFORT	COMFORT DUO	CIT - 1
	10	25	50		SL	N (not self-supporting)	EXCLUSIVE	EXCLUSIVE DUO	
	12	30			В		EXCLUSIVE UV	EXCLUSIVE UV DUO	

\* according to the specified identifier

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

Serial Number: see the number of the Declaration

Intended use or intended uses of the construction product in compliance with the relevant harmonized technical specification according to the qualification of the З. 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 Vicovce 13/4, 160 00 Prague 6 – Dejvice, Czech Republic

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

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

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 Report No. 1020 – CPR – 090038112.

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

**Properties specified in the Declaration** 9.

Property	BASIC, OPTIMA, COMFORT	BASIC DUO, OPTIMA DUO, COMFORT DUO	BASIC P-LESS, OPTIMA P-LESS, COMFORT P-LESS	EXCLUSIVE P-LESS	BASIC DUO P-LESS, OPTIMA DUO P-LESS, COMFORT DUO P-LESS	EXCLUSIVE DUO P-LESS	EXCLUSIVE UV P-LESS	EXCLUSIVE UV DUO P-LESS	Harmonized Technical Specifications		
COD (mg/l)	92%	94%	96 % <sup>4)</sup>	<b>95</b> % <sup>4)</sup>	97 % <sup>4)</sup>	96 % <sup>4)</sup>	95 % <sup>4)</sup>	96 % <sup>4)</sup>	EN 12566-3		
BOD₅ (mg/l)	98%	99%	98 % <sup>4)</sup>	<b>98</b> % <sup>4)</sup>	<b>99</b> % <sup>4)</sup>	98 % <sup>4)</sup>	98 % <sup>4)</sup>	98 % <sup>4)</sup>	+ A2:2013		
SS (mg/l)	96%	97%	97 % <sup>4)</sup>	95 % <sup>4)</sup>	98 % <sup>4)</sup>	94 % <sup>4)</sup>	95 % <sup>4)</sup>	94 % <sup>4)</sup>			
N-NH4+ (mg/l) 11)	77%	96%	<b>71</b> % <sup>4)</sup>	73 % <sup>4)</sup>	80 % 4)	81 % <sup>4)</sup>	73 % <sup>4)</sup>	81 % <sup>4)</sup>	1-2		
N <sub>total</sub> (mg/l) 3) <sup>12)</sup>	-	51%	64 % <sup>4)</sup>	64 % <sup>4)</sup>	59 % <sup>4)</sup>	59 % <sup>4)</sup>	64 % <sup>4)</sup>	59 % <sup>4)</sup>			
P <sub>total</sub> (mg/l) <sup>13)</sup>	-	19% 12)	94 % <sup>4)</sup>	<b>91</b> % <sup>4)</sup>	95 % <sup>4)</sup>	90 % <sup>4)</sup>	<b>91</b> % <sup>4)</sup>	90 % <sup>4)</sup>			
Enteroccoci 14)	-	-	-	-	-		99,99 %	100 %			
Escherichia coli <sup>14)</sup>	- 1		-	-		-	99,99 %	100 %			
Fecal coliform bacteria <sup>14)</sup>	-	-	-	-	-	-	99,99 %	100 %			
Coliform bacteria 14)	-	-	-	-	-	-	99,99 %	100 %			
Somatic coliphage 14)	-	-	-	-	-	-	100 %	100 %			
0.24 / 0.36 / 0.48 / 0.60 / 0.72 / 0.90 / 0.96 / 1.20 / 1.50 / 1.80 / 2.10 / 2.40 / 2.70 / 3.00 kg BSKs/day <sup>6</sup>											
0.6/0.9/12/15/18/225/24/30/375/45/5.25/6.0/675/75m <sup>3</sup> /day <sup>6</sup>											
Passed the value rest. Passed the calculation for load by hydrostatic pressure, soil (1850 kg/m <sup>2</sup> ; 36 <sup>-</sup> ), DRY / load by hydrostatic pressure, soil (1850 kg/m <sup>2</sup> ; 36 <sup>-</sup> ), DRY / load by hydrostatic pressure, soil (1850 kg/m <sup>2</sup> ; 36 <sup>-</sup> ), DRY / load by hydrostatic pressure, soil (1850 kg/m <sup>2</sup> ; 36 <sup>-</sup> ), DRY / load by hydrostatic pressure, soil (1850 kg/m <sup>2</sup> ; 36 <sup>-</sup> ), DRY / load by hydrostatic pressure, soil (1850 kg/m <sup>2</sup> ; 36 <sup>-</sup> ), DRY / load by hydrostatic pressure, soil (1850 kg/m <sup>2</sup> ; 42 <sup>-</sup> ), lids (1.5 kl/m <sup>2</sup> ), DRY / NPO / NPO / load by hydrostatic pressure, soil (1850 kg/m <sup>2</sup> ; 42 <sup>-</sup> ), lids (2.5 kl/m <sup>2</sup> ), DRY / load by hydrostatic pressure, soil (1850 kg/m <sup>2</sup> ; 42 <sup>-</sup> ), lids (2.5 kl/m <sup>2</sup> ), DRY / load by hydrostatic pressure, soil (1850 kg/m <sup>2</sup> ; 42 <sup>-</sup> ), lids (2.5 kl/m <sup>2</sup> ), DRY / load by hydrostatic pressure, soil (1850 kg/m <sup>2</sup> ; 42 <sup>-</sup> ), lids (2.5 kl/m <sup>2</sup> ), DRY / load by hydrostatic pressure, soil (1850 kg/m <sup>2</sup> ; 42 <sup>-</sup> ), lids (2.5 kl/m <sup>2</sup> ), DRY / load by hydrostatic pressure, soil (1850 kg/m <sup>2</sup> ; 42 <sup>-</sup> ), lids (2.5 kl/m <sup>2</sup> ), DRY / NPO									vi-p		
										Passed the test for PP / PE / stainless steel/concrete <sup>(6)</sup> F F	
fect of dangerous substances NPD											
ned pollution value 60 g BODs and hydraulic load must not be on*d ed values / 6 / 8 / 10 / 12 / 15 / 16 / 20 /	per day and v exceeded 25 / 30 / 35 /	vaste water value / 40 / 45 / 50	150 l/day	6 8 17 15 PE	with an attachment / A+1		e111	i-pu			
	COD (mg/l) BODs (mg/l) SS (mg/l) N-NH4' (mg/l) <sup>10</sup> N <sub>total</sub> (mg/l) <sup>13</sup> Enteroccod <sup>14</sup> Escherichia coli <sup>14</sup> Fecal coliform bacteria <sup>14</sup> Coliform bacteria <sup>14</sup> Somatic coliphage <sup>14</sup> 0.24 / 0.36 / 0.48 / 0.60 / 0.7 0.6 / 0.9 / 12 / 15 / 18 / 225 / Passed the valer test Passed the calculation for load kg/m <sup>2</sup> , 42 / 16 (5 Kk/m <sup>2</sup> ) D/RV / NPD / NPD / load by hyd version 8 <sup>73</sup> Passed the test for PP / PE / st F NPD n <sup>1</sup> "Declaration of properties", ed politori value 60 g BODs and hydraulic load must not be n <sup>4</sup> d ed values	Property         opmina, commor, commor, commor, space           COD (mg/l)         92%           BODs (mg/l)         98%           SS (mg/l)         96%           N-H4,* (mg/l) <sup>10</sup> 77%           Nutac (mg/l) <sup>31</sup> -           Post (mg/l) <sup>31</sup> -           Enteroccol <sup>141</sup> -           Escherichia coli <sup>149</sup> -           Somatic coliphage <sup>140</sup> -           0.24 / 0.36 / 0.48 / 0.60 / 0.72 / 0.90 / 0.95         0.6 / 0.72 / 0.90 / 0.95           0.5 / 0.9 / 12 / 15 / 18 / 25 / 2.4 / 3.0 / 3.7         Passed the calculation for load by hydrostatic pressurversion 8 <sup>-1</sup> Passed the calculation for load by hydrostatic pressurversion 8 <sup>-1</sup> -           Passed the test calculation for load by hydrostatic pressurversion 8 <sup>-1</sup> -           Passed the test for PP / PE / stainless steel/coor         F           NPO         -         -           n <sup>*</sup> Octaration of properties", are achieved are ache pollution value 60 g BODs, per day and value of a day and day	Property         Privin, COMPORT         PTIMA DUC, COMPORT 0           COD (mg/l)         92%         94%           BODs (mg/l)         98%         99%           SS (mg/l)         96%         97%           N-NH4" (mg/l) <sup>10</sup> 77%         96%           Notal (mg/l) <sup>13</sup> -         51%           Ptotal (mg/l) <sup>13</sup> -         19% <sup>12</sup> Enteroccod <sup>140</sup> -         -           Escherichia coli <sup>141</sup> -         -           Colfform bacteria <sup>140</sup> -         -           O.6 / 0.9 / 1.2 / 1.5 / 1.8 / 2.25 / 2.4 / 3.0 / 3.75 / 4.5 / 5.2 5 / 6.0         Passed the vater test           Passed the calculation for load by hydrostatic pressure, soil (1850 i k/m²), version 8 <sup>2</sup> -           Passed the test for PP / PE / stainless steel/concrete <sup>60</sup> F           NPD         -         -           n*Declaration of properties", are achieved according to the Eled pollution value 60 g BODs per day and waste water value in hydraulic load must not be exceeded	Property         OPTIMA - CONFORT         OPTIMA DUC, CONFORT P-LESS, CONFORT P-LESS           COD (mg/l)         92%         94%         96 % 4           BODs (mg/l)         98%         99%         98 % 4           SS (mg/l)         96%         97%         97 % 4           N-H4, (mg/l) 10         77%         96%         71 % 4           N-MH4, (mg/l) 10         77%         96%         71 % 4           N-task (mg/l) 31 <sup>(2)</sup> -         51%         64 % 4           Netae (mg/l) 31 <sup>(2)</sup> -         51%         64 % 4           Enteroccol <sup>141</sup> -         -         -           Escherichia coli <sup>140</sup> -         -         -           Scifform bacteria <sup>141</sup> -         -         -           Coliform bacteria <sup>140</sup> -         -         -           Caldod Dedde / 0.60 / 0.72 / 0.90 / 0.96 / 1.20 / 1.50 / 1.80 / 2.10 / 2.40 / 2.70 / 3         0.6 / 0.9 / 1.2 / 1.5 / 1.8 / 2.5 / 2.4 / 3.0 / 3.75 / 4.5 / 5.25 / 6.0 / 6.75 / 7.5 m <sup>2</sup> /day <sup>(5)</sup> Passed the calculation for load by hydrostatic pressure, soil (1850 kg/m <sup>2</sup> , 3.6 <sup>2</sup> ), DRY / Das / 2.0 / 1.90 / 1.80 / 2.10 / 2.40 / 2.70 / 3           DRY / NPO / NPO / load by hydrostatic pressure, soil (1850 kg/m <sup>2</sup> , 42 <sup>2</sup> ), 1.8 (2.5 kW/m <sup>2</sup> )           Passed the calculation for load by hydrostatic pressure,	Property         OPTIMA A COMFORT         OPTIMA PLESS         EXCLUSIVE PLESS           COD (mg/l)         92%         94%         96 % 4         95 % 4           BODs (mg/l)         98%         99%         98 % 4         98 % 4           SS (mg/l)         96%         97%         97 % 4         95 % 4           N-MH4 (mg/l) <sup>10</sup> 77%         96%         71 % 4         73 % 4           Nutual (mg/l) 31 <sup>21</sup> -         51%         64 % 4         64 % 4           Pead (mg/l) 31 <sup>21</sup> -         19% <sup>12</sup> 94 % 4         91 % 4           Enteroccod <sup>141</sup> -         -         -         -           Escherichia coli <sup>140</sup> -         -         -         -           Somatic coliphage <sup>140</sup> -         -         -         -           0.24 / 0.36 / 0.48 / 0.60 / 0.72 / 0.90 / 0.96 / 1.20 / 1.50 / 1.80 / 2.10 / 2.40 / 2.70 / 3.00 kg BSKs/dar         0.6 / 0.9 / 1.2 / 1.5 / 1.4 / 2.5 / 2.4 / 3.0 / 3.75 / 4.5 / 5.25 / 5.6 / 6.75 / 7.5 m <sup>2</sup> /day <sup>6</sup> Passed the calculation for load by hydrostatic pressure, soil (1850 kg/m <sup>3</sup> , 36 <sup>+</sup> ), DRY / load by hydrostatic (kg/m <sup>3</sup> , 42 <sup>+</sup> ), lids (2.5 kW/m <sup>2</sup> ), DRY / load by hydrostatic (kg/m <sup>3</sup> , 42 <sup>+</sup> ), lids (2.5 kW/m <sup>2</sup> ), DRY / load by hydrostatic pressure, soil (1800 kg/m <sup>3</sup> , 42 <sup>+</sup> ), lids (2.5 kW/m <sup>2</sup> ), DRY / load by hydrostatic pressure, soil (1800 kg/m <sup>3</sup> , 42 <sup>+</sup> ), DRY / load by	Property         OPTIMA PLCSS         OPTIMA PLCSS         PLESS         OPTIMA DUD PLESS           COD (mg/l)         92%         94%         96 % 4         95 % 4         97 % 4           BODs (mg/l)         98%         99%         98 % 4         98 % 4         99 % 4           SS (mg/l)         96%         97%         97 % 4         95 % 4         98 % 4         99 % 4           SS (mg/l)         96%         97%         97 % 4         95 % 4         98 % 4         99 % 4           N-ML4; (mg/l) <sup>10</sup> 77%         96%         71 % 4         73 % 4         80 % 4           Nuclai (mg/l) <sup>13</sup> -         51%         64 % 4         64 % 4         59 % 4           Pead (mg/l) <sup>13</sup> -         19% <sup>12</sup> 94 % 4         91 % 4         95 % 4           Exherichia coli <sup>140</sup> -         -         -         -         -           Escherichia coli <sup>140</sup> -         -         -         -         -           Coliform bacteria <sup>141</sup> -         -         -         -         -           0.24 / 0.36 / 0.48 / 0.60 / 0.72 / 0.90 / 0.36 / 120 / 150 / 1.80 / 2.10 / 2.40 / 2.70 / 3.00 Jg BSK_{day} <sup>6</sup> 0.6 / 0.9 / 2.2 / 15 / 1.8 / 2.5 / 2.4 / 3.0 / 3.75 / 4.5 / 5.25 / 5.6 / 6	Property         OPTIMA OD, COMPORT DUO         OPTIMA OD, COMPORT DUO         PECLESS COMPORT DUO         PECLESS PERCENSE PERCENSE         PECLESS DU P - LESS PECLESSE         PECLESSE DU P - LESSE PECLESSE         PECLESSE DU P - LESSE PECLESSE         PECLESSE PECLESSE         PECLESSE PECLESSE PECLESSE         PECLESSE PECLESSE PECLESSE         PECLESSE PECLESSE PECLESSE         PECLESSE PECLESSE         PECLESSE PECLESSE         PECLESSE PECLESSE         PECLESSE PECLESSE PECLESSE         PECLESSE PECLESSE PECLESSE         PECLESSE PECLESSE PECLESSE         PECLESSE PECLESSE PECLESSE         PECLESSE PECLESSE PECLESSE         PECLESSE PECLESSE PECLESSE         PECLESSE PECLESSE PECLESSE         PECLESSE PECLESSE PECLESSE         PECLESSE PECLESSE PECLESSE         PECLESSE PECLESSE PECLESSE PECLESSE         PECLESSE PECLESSE PECLESSE PECLESS	Property         OPTIMA PLESS         PECLOSIVE 000 - LESS         PECLOSI 000 - LESS         PECLOSI - LESS <th< td=""><td>Property         OPTIMA DD, COMPORT DD, DESS         PLESS         PLESS         OPTIMA DD, PLESS         OPTIMA DD, DD, (mg/l)         92%         94%         96 % 4         95 % 4         97 % 4         96 % 4         95 % 4         97 % 4         96 % 4         98 % 4</td></th<>	Property         OPTIMA DD, COMPORT DD, DESS         PLESS         PLESS         OPTIMA DD, PLESS         OPTIMA DD, DD, (mg/l)         92%         94%         96 % 4         95 % 4         97 % 4         96 % 4         95 % 4         97 % 4         96 % 4         98 % 4		

13) with P-LESS (phosphorus precipitation)

14) with UV disinfection of purified waste water

In Sobeslav on

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:



Tel.: 381 203 231, fax: 381 251/739 IČO: 25166077 DIČ: CZ25166077

Milan Drda Executive and Technical Director

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