



## Declaration of Performance

(according to Construction Product Regulation CPR No. 305/2011)  
No. DOKK5452E 020317

1	Name of product	<b>KEBL / KEM2-xxxx Solido SMART - Domestic wastewater treatment plants in PE-tanks (SBR)</b>	
2	reference code	<b>KEBLxxxx: -2600, -3000, -4500, -5200, -7600, -9900, -7676, -9999; KEM2-3500, KEM2-4500, KEM2-6000</b> <b>KEBLxxxx: -2616, -3016, -4516, -5216, -7616, -9916, 7676P, 9999P; KEM2-3516, KEM2-4516, KEM2-6016</b>	
3	Type of use	<b>Packaged domestic wastewater treatment plants</b>	
4	Manufacturer	<b>PREMIER TECH AQUA GmbH, Am Gammgraben 2, D-19258 Boizenburg, Germany</b>	
5	Authorized person	<b>Marco Rumberg CEO, rumm@premiertech.com</b>	
6	System of assessment	<b>3</b>	
7	Harmonized technical specification	<b>EN 12566-3:2005+A1:2009+A2:2013</b>	<b>first year of CE-declaration: 2016</b>
8	Notified body	<b>PIA GmbH (NB 1739) performed the initial inspection in the system of assessment 3 and created test report No PIA2015-239B22.e</b>	

Essential characteristic	Performance			
<b>Efficiency of treatment</b>				
<b>Efficiency of degradation</b> according to EN 12566-3, Annex B  * KEBL2600 was tested at 0,30 kg BOD <sub>5</sub> /d and 0,90 m <sup>3</sup> /d	COD	95,1%	39 mg/l	
	BOD <sub>5</sub>	98,5%	5 mg/l	
	suspended solids	97,1%	13 mg/l	
	NH <sub>4</sub> -N	98,0%	0,7 mg/l	
	N <sub>tot</sub>	83,1%	10 mg/l	
	P <sub>tot</sub>	68,5%	2,3 mg/l	
model Solido SMART	- nominal daily load (kg BOD <sub>5</sub> /d):	- nominal hydraulic flow (m <sup>3</sup> /d)	power consumption h [kWh/d]	structural behaviour (invert level 1,00m)
<b>KEBL2600 (actually tested) / KEBL2616*</b>	<b>0,30</b>	<b>0,90*</b>	<b>0,81</b>	<b>WET 0,70m</b>
KEBL3000 / KEBL3016	0,36	0,90	0,85	WET 0,70m
KEBL4500 / KEBL4516	0,54	1,35	1,22	WET 0,85m
KEBL5200 / KEBL5216	0,72	1,80	1,62	WET 1,40m
KEBL7600 / KEBL7616	1,08	2,70	2,43	WET 1,40m
KEBL9900 / KEBL9916	1,50	3,75	3,29	WET 1,40m
KEBL7676 / KEBL7676P	2,16	5,40	4,74	WET 1,40m
KEBL9999 / KEBL9999P	3,00	7,50	6,58	WET 1,40m
KEM2-3500 / KEM2-3516	0,42	1,05	0,95	WET 1,00 m
KEM2-4500 / KEM2-4516	0,54	1,35	1,22	WET 1,20 m
KEM2-6000 / KEM2-6016	0,72	1,80	1,62	WET 1,20 m
<b>Water tightness (test with water)</b>	pass			
<b>Structural behaviour (pit-test)</b>	pass (WET conditions)			
<b>Durability</b>	pass			
<b>Fire behaviour</b>	E			
<b>Release of hazardous materials</b>	NPD			

The manufacturer according to nr. 4 is solely responsible for this declaration.

This declaration confirms compliance for with the named regulations, directives and standards.

It does not guarantee for any properties of the product. All provided safety advices, technical documentation and guides for mounting, installation, commissioning, operation and maintenance must be regarded.

Signed for and on behalf of the manufacturer by:

Boizenburg, March 2, 2017