



Declaration of Performance

(according to Construction Product Regulation CPR No. 305/2011)
No. DOKK5460DK 190118

1	Name of product	Solido SMART +P - Domestic wastewater treatment plants in PE-tanks (SBR)		
2	reference code	KEM2-xxxxP		
3	Type of use	Packaged domestic wastewater treatment plants		
4	Manufacturer	PREMIER TECH AQUA GmbH, Am Gammgraben 2, D-19258 Boizenburg, Germany		
5	Authorized person	Marco Rumberg CEO, rumm@premiertech.com		
6	System of assessment	3		
7	Harmonized technical specification	EN 12566-3:2005+A1:2009+A2:2013	first year of CE-declaration: 2018	
8	Notified body	PIA GmbH (NB 1739) performed the initial inspection in the system of assessment 3 and created test report No PIA2017-300B22		

Essential characteristic	Performance			
Efficiency of treatment				
Efficiency of degradation according to EN 12566-3, Annex B	COD	95,5%	38 mg/l	
	BOD ₅	98,7%	4 mg/l	
	suspended solids	95,5%	17 mg/l	
	NH ₄ -N	98,6%	0,5 mg/l	
	N _{tot}	74,6%	15 mg/l	
	P _{tot}	90,0%	0,7 mg/l	
model Solido SMART+P	- nominal daily load (kg BOD ₅ /d):	- nominal hydraulic flow (m ³ /d)	power consumption h [kWh/d]	structural behaviour (invert level 1,00m)
KEM2-3500P	0,36	0,90	0,81	WET 1,40 m
KEM2-4500P	0,48	1,20	1,08	WET 1,40 m
KEM2-6000P	0,72	1,80	1,62	WET 1,65 m
Water tightness (test with water)	pass			
Structural behaviour (pit-test)	pass (WET conditions)			
Durability	pass			
Fire behaviour	E			
Release of hazardous materials	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, January 19, 2018