

# Certificate



Premier Tech Water and Environment Ltd.

2 Whitehouse Way, South West Industrial Estate, SR8 2RA, Peterlee, County Durham, UK

EN 12566-3, Annex A, B and C

Small wastewater treatment systems for up to 50 PT

Small wastewater treatment system "Rewatec Solido Smart"

One-chamber SBR system in one PE tank

Test report PIA2015-239B22.e

## Evaluation of the nominal sequences of the 38-week

Nominal organic daily load	0.30 kg BOB <sub>5</sub> /d		
Nominal hydraulic daily load	0.90 m <sup>3</sup> /d		
Material	Polyethylene		
Watertightness	pass		
Structural behaviour (pit test)	pass (also wet)		
Durability	pass		
Treatment efficiency	Efficiency	Effluent	
	COD	95.1 %	39 mg/l
	BOD <sub>5</sub>	98.5 %	5 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
	SS	97.1 %	13 mg/l

## Evaluation of the complete 38-week testing

Electrical consumption 0.81 kWh/d

\*determined for temperatures  $\geq 12^\circ$  C in the bioreactor

Tested by:

PIA – Prüfinstitut für Abwassertechnik GmbH

(PIA GmbH)

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52074 Aachen, Germany

This document replaces neither the declaration of performance nor the CE marking.



Notified Body  
No.: 1739



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