

2 Summary

The excerpt information listed hereunder summarises the basic information for the declaration of performance (CE marking).

Premier Tech Aqua GmbH Am Gammgraben 2, 19258 Boizenburg, Germany	
EN 12566-3:2005+A2:2013, Annex B Packaged domestic wastewater treatment plant for treatment of domestic wastewater	
Name of product type:	SMART + P Millenium 4m ³
Material:	Polyethylene
Treatment process:	One chamber SBR
Testing authority:	PIA GmbH, NB 1739
Effectiveness of treatment:	
Treatment efficiency (at tested organic daily load BOD ₅ = 0.20 kg/d)	COD: 95.5 %
	BOD ₅ : 98.7 %
	N _{tot} : 74.6 %
	NH ₄ -N: 98.6 %
	P _{tot} : 90.0 %
	SS: 95.5 %
Nominal hydraulic flow (100 %)	0.6 m ³ /d
Number of desludging	0
Power consumption	0.56 kWh/d
Treatment capacity (nominal designation)	4 PT