



Prüfinstitut für
Abwassertechnik
GmbH

PERFORMANCE RESULTS

Kingspan Environmental Limited

College Road North, Aston Clinton, HP22 5EW Aylesbury, UK

EN 12566-3

Small wastewater treatment systems for up to 50 PT

Small wastewater treatment system Biosafe 1

Fluidised bed reactor process with chemical P dosing

Nominal organic daily load	0.31	kg BSB ₅ /d
Nominal hydraulic daily load	0.90	m ³ /d
Material	GRP	
Treatment efficiency (nominal sequences)	COD	93.3 %
	BOD ₅	96.1 %
	SS	95.9 %
	NH ₄ -N	90.6 %
	P _{tot}	90.1 %
Electrical consumption	1.2	kWh/d

Performance tested by:

PIA – Prüfinstitut für Abwassertechnik GmbH

(PIA GmbH)

Hergenrather Weg 30

D-52074 Aachen

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



Notified Body
Nr.: 1739



Certified according to
ISO 9001:2008



Deutsche
Akkreditierungsstelle
D-PL-17712-01-00

Prüfinstitut für Abwassertechnik GmbH
geprüft - tested - testé

Elmar Lancé

August 2013