

PERFORMANCE RESULTS

Anua – Bord na Móna
Main Street, Newbridge, Co. Kildare, Ireland

EN 12566-3: 2005+A1:2009

Results corresponding to the Irish National Annex for IS EN 12566-3

Puraflo small wastewater treatment system
Septic tank & Peat Bio-filter Modules, sewage treatment system

Nominal organic daily load*	0.33	kg/d	
Nominal hydraulic daily load	0.90	m ³ /d	
Material	Septic tank: glass reinforced plastic Peat filter: polyethylene (PE)		
Watertightness (water test)	pass		
Crushing resistance	Septic tank: calculation Peat filter: vertical load type A		
Durability	pass		
Treatment efficiency (nominal sequences)		Efficiency	Effluent
	COD	95.4 %	31 mg/l
	BOD ₅	98.2 %	6 mg/l
	NH ₄ -N**	98.6 %	0.6 mg/l
	SS	97.7 %	8 mg/l
Electrical consumption	0.1	kWh/d	

* at a test influent of ≥ 300 mg/l BOD₅ (mean)
** determined for temperatures $\geq 12^{\circ}\text{C}$ in the bioreactor

Performance tested by:

PIA – Prüfinstitut für Abwassertechnik GmbH
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Notified Body
Nr.: 1739



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ISO 9001:2000



Prüfinstitut für Abwassertechnik GmbH
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Geprüft - tested - testé

Elmar Lancé

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