



Supplied by:
FM Environmental Ltd, Newry



Testing Institute
for Wastewater
Technology

PERFORMANCE RESULTS

Otto Graf GmbH

Carl-Zeiss-Str. 2-6, 79331 Teningen
Germany

EN 12566-3

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

Small wastewater treatment system Klaro Easy Sequential Batch Reactor (SBR)

Nominal organic daily load*	0.30	kg/d	
Nominal hydraulic daily load	1.20	m ³ /d	
Material	Polyethylene (PE)		
Watertightness (water test)	pass		
Crushing resistance (vertical load test)	pass (dry conditions)		
Durability	pass		
Treatment efficiency (nominal sequences)		Efficiency	Effluent
	COD	92.3 %	48 mg/l
	BOD ₅	97.5 %	6 mg/l
	NH ₄ -N**	75.8 %	8.3 mg/l
	SS	96.7 %	7 mg/l
Electrical consumption	1.50	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
(PIA GmbH)
Hergenrather Weg 30
D-52074 Aachen

Certified according to
ISO 9001:2008



Notified Body number: 1739



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

Prüfinstitut für Abwassertechnik GmbH

geprüft - tested - testé

Elmar Lancé

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