

PERFORMANCE RESULTS

BIOROCK S.à.r.l.

Z.A.E. Robert Steichen, 5 rue Bommel, 4940 Hautcharage
Luxembourg

EN 12566-3

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

Small wastewater treatment system BIOROCK
aerobic biological gravity filter

Nominal organic daily load*	0.27	kg/d		
Nominal hydraulic daily load	0.75	m ³ /d		
Material	polyethylene			
Watertightness (water test)	pass			
Crushing resistance (vertical load test)	pass (dry conditions)			
Durability	pass			
Treatment efficiency (nominal sequences)		Efficiency	Effluent	
	COD	96.3 %	26 mg/l	
	BOD ₅	98.7 %	4 mg/l	
	NH ₄ -N**	90.5 %	3 mg/l	
	SS	99.3 %	3 mg/l	
Electrical consumption	0.0	kWh/d		
* at a test influent of ≥ 300 mg/l BOD ₅ (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
[Signature]
geprüft - tested - teste

Elmar Lancé

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