

PERFORMANCE RESULTS

Kingspan Environmental Newry

Unit 1, Derryboy Road, Carnbane Industrial Estate Newry, Co.Down,
BT35 6QH, United Kingdom

EN 12566-3

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

Small wastewater treatment system BioDisc Rotating biological contractor

Nominal organic daily load*	0.29	kg/d	
Nominal hydraulic daily load	0.90	m ³ /d	
Material	Glass-fibre reinforced plastic (GRP)		
Watertightness (water test)	pass		
Crushing resistance (vertical load test)	pass (also wet conditions)		
Durability	pass		
Treatment efficiency (nominal sequences)		Efficiency	Effluent
	COD	88.3 %	73.0 mg/l
	BOD ₅	93.7 %	20.0 mg/l
	NH ₄ -N	87.2 %	5.0 mg/l
	SS	93.3 %	23.0 mg/l
Electrical consumption	1.5	kWh/d	

* at a test influent of ≥ 300 mg/l BOD₅ (mean)

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 - teste

Elmar Lancé

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