

PERFORMANCE RESULTS

KMG Killarney Plastics Ltd.
Ballyspillane Industrial Estate, Killarney, Co. Kerry
Ireland

EN 12566-3

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

Small wastewater treatment system TRI-CEL®
submerged fixed film reactor in a GRP tank


Nominal organic daily load*	0.26	kg/d		
Nominal hydraulic daily load	0.90	m ³ /d		
Material	glass reinforced plastic (GRP)			
Watertightness (vacuum test)	pass			
Crushing resistance (calculation method)	pass (also wet conditions)			
Durability	pass			
Treatment efficiency (nominal sequences)		Efficiency	Effluent	
	COD	91.6 %	52 mg/l	
	BOD ₅	95.9 %	11 mg/l	
	NH ₄ -N**	79.9 %	8 mg/l	
	SS	95.3 %	16 mg/l	
Electrical consumption	1.1	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

Geprüft - tested - testé

Elmar Lancé

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