

## 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 <sup>3</sup> /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 <sub>5</sub>	95.9 %	11 mg/l	
	NH <sub>4</sub> -N**	79.9 %	8 mg/l	
	SS	95.3 %	16 mg/l	
Electrical consumption	1.1	kWh/d		

\* at a test influent of  $\geq 300$  mg/l BOD<sub>5</sub> (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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