

PERFORMANCE RESULTS

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

EN 12566-3 Annex A, B, C
"Small wastewater treatment systems for up to 50 PT"

Small wastewater treatment system TRI-CEL®
fluidised bed 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	pass			
Crushing resistance	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		

* determined for temperatures ≥ 12°C in the bioreactor.

Performance tested by:

PIA - Prüfinstitut für Abwassertechnik GmbH
(PIA GmbH)
Hergenrather Weg 30
D-52074 Aachen

Certified according to
ISO 9001:2000



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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