

TREATMENT PERFORMANCE RESULTS

Kilkenny Pre-Cast Concrete Ltd.
Hebron Rd., Kilkenny, Co. Kilkenny, Ireland

EN 12566-3

Results corresponding to EN 12566-3 and S.R. 66

PIA-SR66-1601-1002

KPC Bio-Filter

Aerated biological process

Nominal organic daily load	0.34 kg/d		
Nominal hydraulic daily load	1.08 m ³ /d		
Material	Concrete		
Watertightness	Pass		
Structural behaviour (calculation)	Pass (also wet conditions)		
Durability	Pass		
Treatment efficiency (nominal sequences)		Efficiency	Effluent
	COD	92.7 %	49 mg/l
	BOD ₅	95.8 %	12 mg/l
	NH ₄ -N	86.0 %	4.9 mg/l
	SS	96.6 %	13 mg/l
Number of desludging	Not more than once		
Electrical consumption	1.3 kWh/d		

Performance tested by:

PIA – Prüfinstitut für Abwassertechnik GmbH
(PIA GmbH)
Hergenrather Weg 30
52074 Aachen, Germany

This document replaces neither the declaration
of performance nor the CE marking.



Notified Body
No.: 1739



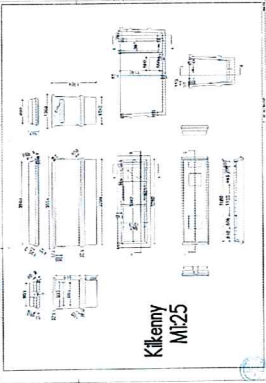
Certified according to
ISO 9001:2008



Elmar Lancé

July 2016

KPC Bio-Filter range and its referring test reports:

Name of the model and/or population equivalent (PE)	Drawing of model of the range	Watertightness (EN 12566-3 Annex A)	Treatment Efficiency (EN 12566-3 Annex B)	Structural Behaviour (EN 12566-3 Annex C)	Durability
Initial Type Test (ITT) 7	 <p style="text-align: center;">Kilkenny M125</p>	Pass PIA2012-WD/NC-1209-1058	Pass PIA2012-152B90	Pass PIA2009-ST-AT-0808-1059 For wet ground conditions also, installation depth 1.30 m from inlet invert	Pass PIA2016-DH-1601-1002.01

