

TREATMENT PERFORMANCE RESULTS

Doran Concrete Products Ltd.
Newtown Commons, New Ross, Co. Wexford, Ireland

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

PIA-SR66-1701-1001

Small wastewater treatment system 7500L
Fluidised bed system with 6 chambers

Nominal organic daily load	0.33 kg/d		
Nominal hydraulic daily load	1.08 m ³ /d		
Material	Concrete		
Watertightness	Pass		
Crushing resistance (calculation)	Pass (also wet conditions)		
Durability	Pass		
Treatment efficiency (nominal sequences)		Efficiency	Effluent
	COD	91.3 %	56 mg/l
	BOD ₅	94.8 %	15 mg/l
	NH ₄ -N	77.7 %	9.3 mg/l
	SS	95.1 %	19 mg/l
Number of desludging	Not more than once		
Electrical consumption	3.1 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

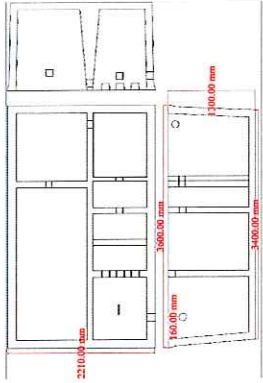


Prüfinstitut für Abwassertechnik GmbH
Geprüft - tested - teste

Elmar Lancé

January 2017

7500L 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		Pass PIA2010-126B22	Pass PIA2010-126B22	Pass PIA2011-ST-CAL-1001-1002 For wet ground conditions also, installation depth 1.57 m from inlet invert	Pass PIA2017-DH-1701-1001.01

