



TREATMENT PERFORMANCE RESULTS

PIA-SR66-2206-1039

Tricel

Ballyspillane Industrial Est., Killarney, Co. Kerry, Ireland

EN 12566-6

Results corresponding to EN 12566-6 and S.R. 66

Coconut Fibre Puraflo Filter System

Nominal organic daily load (influent)	0.19 kg BOD ₅ /d		
Nominal hydraulic daily load	1.2 m ³ /d		
Material	Polyethylene		
Watertightness	Pass		
Crushing resistance	Pass (dry conditions)		
Durability	Pass		
Treatment efficiency (nominal sequences)		Efficiency	Effluent
	COD	84.6 %	54 mg/l
	BOD ₅	93.1 %	11 mg/l
	NH ₄ -N*	85.0 %	5.6 mg/l
	SS	89.0 %	8 mg/l
Electrical consumption	0.1 kWh/d		
Number of desludging	Not more than once		

* determined for temperatures $\geq 12^{\circ}$ C in the bioreactor

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.

PIA – Sustainable Certification
le. w. ter
D. Schmitz
geprüft – tested – testé



Notified Body
No.: 1739

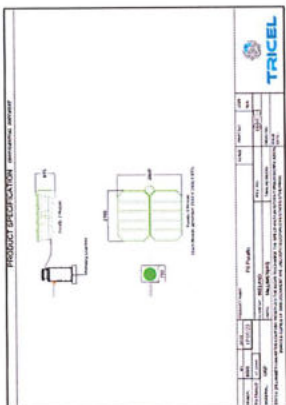
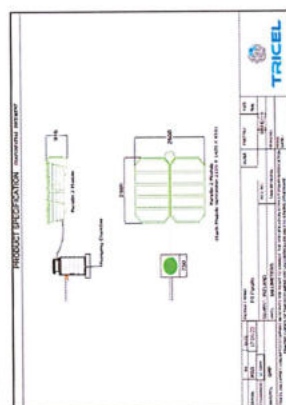


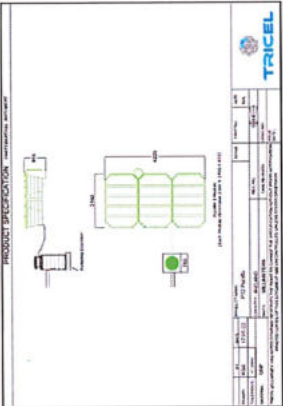
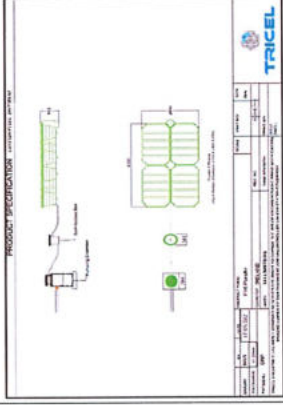
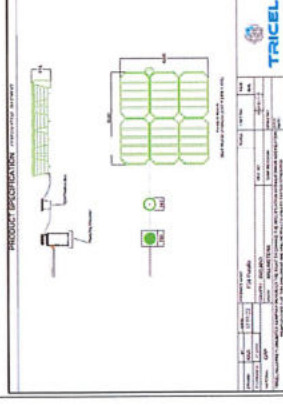
Certified according to
ISO 9001:2015

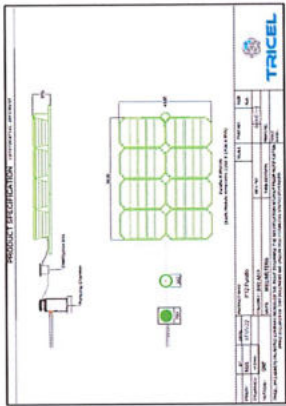
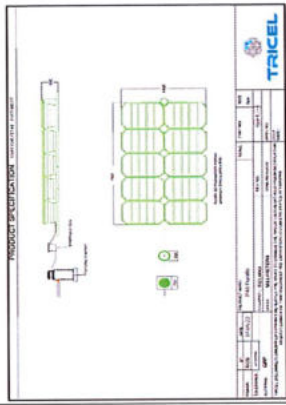
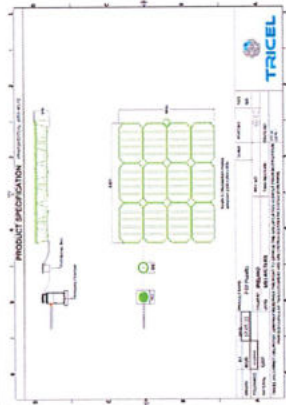
M. Wermter / D. Schmitz

July 2022

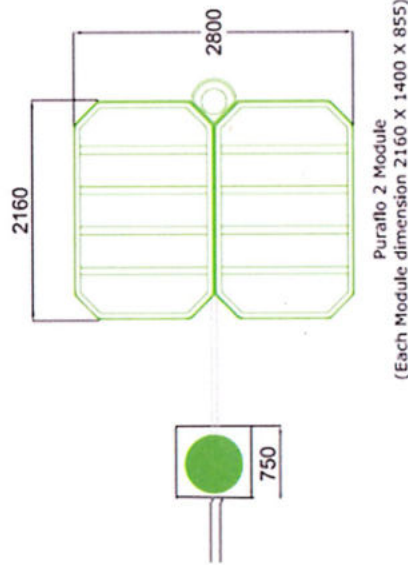
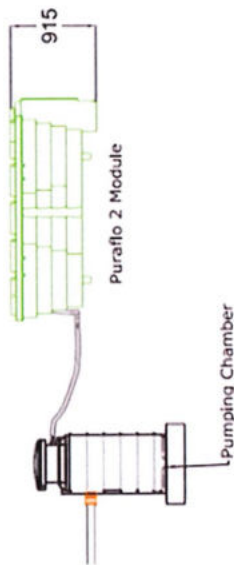
Coconut Fibre Puraflo range and its referring test reports:

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
6 900 l/d		Pass PIA2010-WD-0909-1057	Pass Range conformity check according to S.R. 66:2015	Pass PIA2010-ST-BT-0909-1057 For dry conditions only, 0.10 m installation depth from inlet invert	Pass PIA2016-DH-1604-1056.01
Initial type test (ITT) 8 1,200 l/d		Pass PIA2010-WD-0909-1057	Pass PIA2022-406B04	Pass For dry conditions only, 0.10 m installation depth from inlet invert	Pass PIA2016-DH-1604-1056.01

12 1,800 l/d		Pass PIA2010-WD-0909-1057	Pass Range conformity check according to S.R. 66:2015	Pass For dry conditions only, 0.10 m installation depth from inlet invert	Pass PIA2016-DH-1604-1056.01
16 2,400 l/d		Pass PIA2010-WD-0909-1057	Pass Range conformity check according to S.R. 66:2015	Pass For dry conditions only, 0.10 m installation depth from inlet invert	Pass PIA2016-DH-1604-1056.01
24 3,600 l/d		Pass PIA2010-WD-0909-1057	Pass Range conformity check according to S.R. 66:2015	Pass For dry conditions only, 0.10 m installation depth from inlet invert	Pass PIA2016-DH-1604-1056.01

32 4,800 l/d		Pass PIA2010-WD-0909-1057	Pass Range conformity check according to S.R. 66:2015	Pass For dry conditions only, 0.10 m installation depth from inlet invert	Pass PIA2016-DH-1604-1056.01
40 6,000 l/d		Pass PIA2010-WD-0909-1057	Pass Range conformity check according to S.R. 66:2015	Pass For dry conditions only, 0.10 m installation depth from inlet invert	Pass PIA2016-DH-1604-1056.01
48 7,200 l/d		Pass PIA2010-WD-0909-1057	Pass Range conformity check according to S.R. 66:2015	Pass For dry conditions only, 0.10 m installation depth from inlet invert	Pass PIA2016-DH-1604-1056.01

PRODUCT SPECIFICATION CONFIDENTIAL DOCUMENT

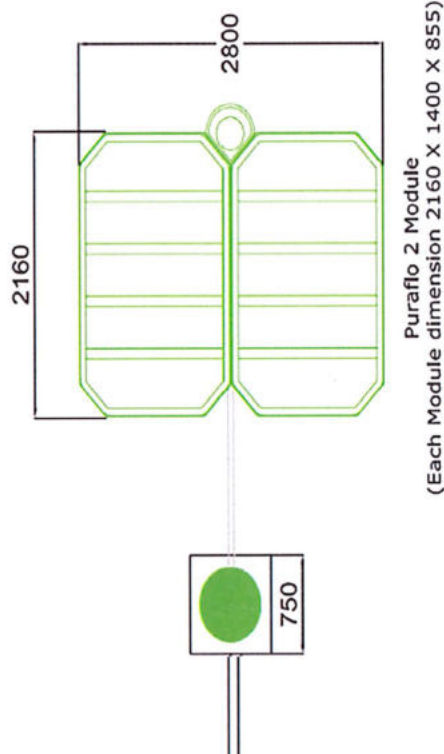


DRAWN: KGS		DATE	17/05/22		PRODUCT NAME: P6 Puraflo		SCALE	PART NO:	SIZE
TOLERANCE: +/- 10mm					COUNTRY: IRELAND				N/A
MATERIAL: GRP					UNITS: MILLIMETERS				
					REV. NO.				
					TANK REVISION:				
					DRWG NO:				
					ISSUE				
					DATE:				



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PRODUCT SPECIFICATION



DRAWN:		BY	DATE	PRODUCT NAME:		SCALE	PART NO:	SIZE
		KGS	17/05/22	P8 Puraflo				N/A
TOLERANCE:		+/- 10mm	COUNTRY : IRELAND		REV. NO.			
MATERIAL:		GRP	UNITS: MILLIMETERS		TANK REVISION:		DRWG NO:	
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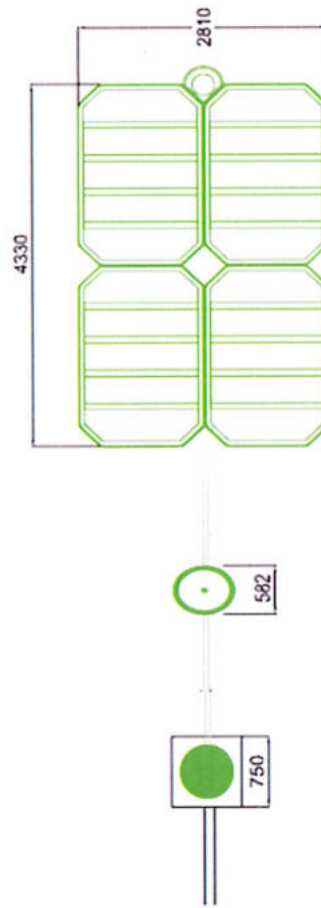
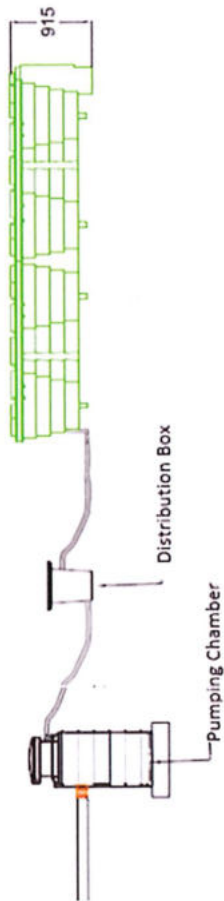
PRODUCT SPECIFICATION CONFIDENTIAL DOCUMENT

Puraflo 3 Module
(Each Module dimension 2160 X 1400 X 855)

	BY	DATE	PRODUCT NAME:		SCALE	PART NO:	SIZE
DRAWN:	KGS	17/05/22	P12 Puraflo				N/A
TOLERANCE:	+/- 10mm		COUNTRY : IRELAND		REV. NO.		
MATERIAL:	GRP		UNITS: MILLIMETERS		TANK REVISION:	DRWG NO:	
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Puraflo 4 Module
(Each Module dimension 2160 X 1400 X 855)

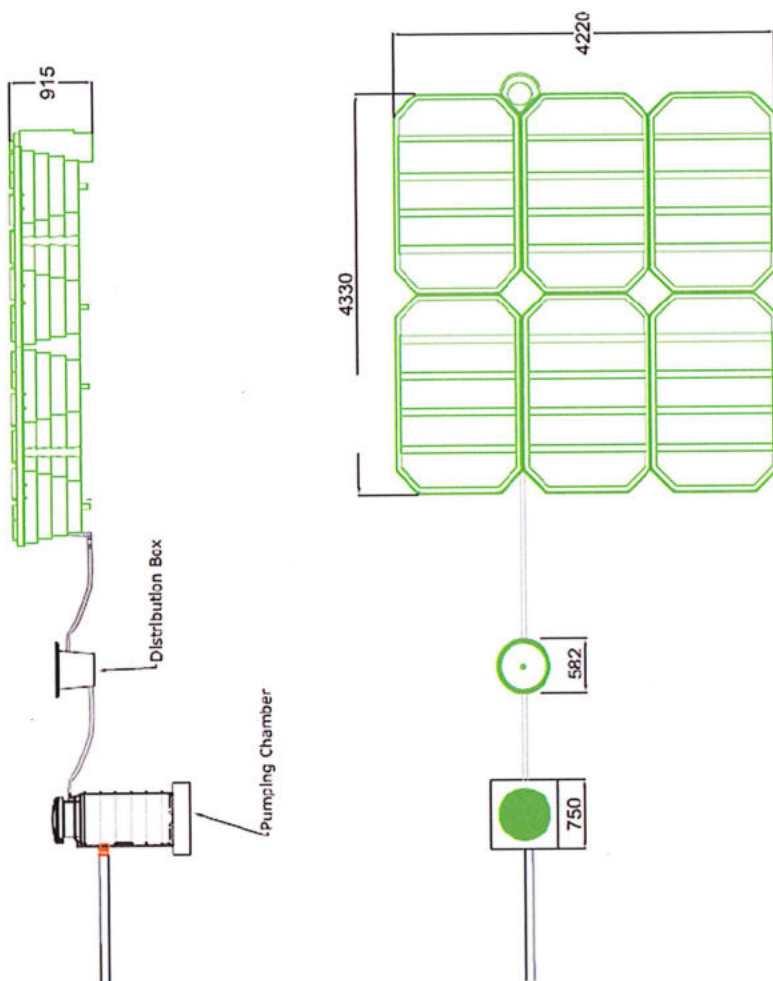
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TOLERANCE:		+/- 10mm			COUNTRY: IRELAND		REV. NO.		
MATERIAL:		GRP			UNITS: MILLIMETERS		TANK REVISION:	DRWG NO:	
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ISSUE DATE::									





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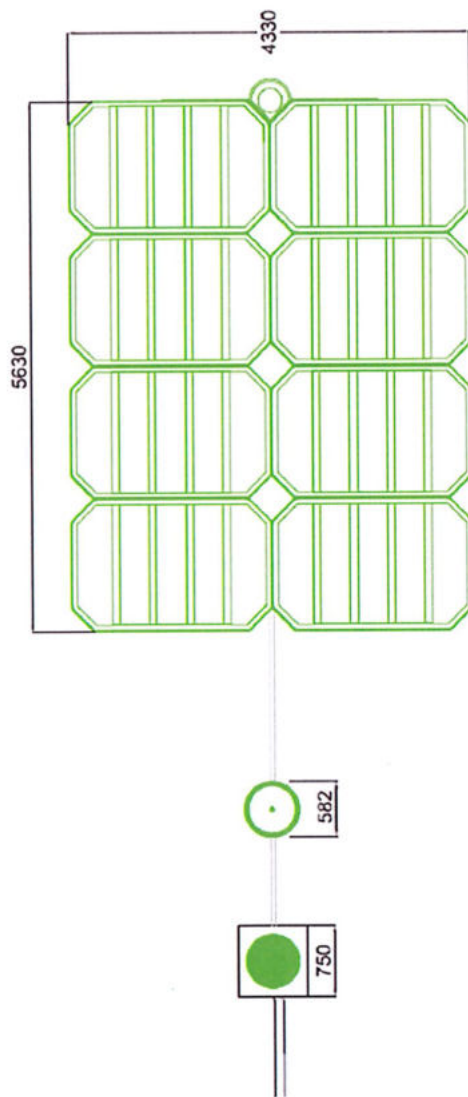
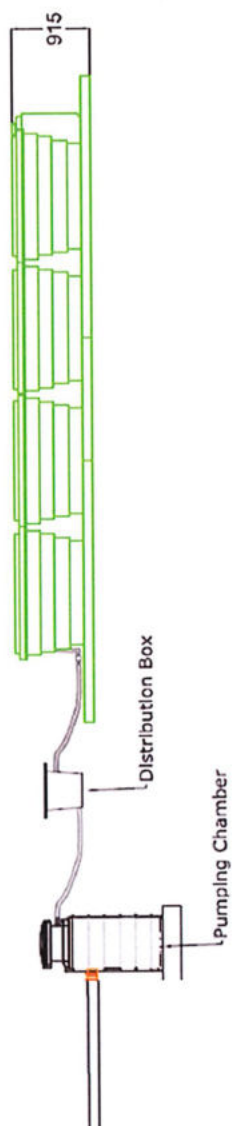


Puraflo 6 Module
(Each Module dimension 2160 X 1400 X 855)

						
		PRODUCT NAME: P24 Puraflo		SCALE	PART NO:	SIZE N/A
		COUNTRY : IRELAND		REV. NO.		
		UNITS: MILLIMETERS		TANK REVISION:	DRWG NO:	
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		TOLERANCE: +/-10mm				
		MATERIAL: GRP				
		TANK REVISION:				
		ISSUE DATE::				



PRODUCT SPECIFICATION *CONFIDENTIAL DOCUMENT*



Puraflo 8 Module
(Each Module dimension 2160 X 1400 X 855)



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BY	DATE	PRODUCT NAME:	SCALE	PART NO:	SIZE
DRAWN:	17/05/22	P32 Puraflo			N/A
TOLERANCE:	+/-10mm	COUNTRY : IRELAND	REV. NO.		
MATERIAL:	GRP	UNITS: MILLIMETERS	TANK REVISION:	DRWG NO:	
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