

# PERFORMANCE RESULTS

## Tricel

### EN 12566-3

Small wastewater treatment systems for up to 50 PT

**Small wastewater treatment system Tricel Novo**

Submerged fixed film reactor in a GRP tank

Nominal organic daily load	0.26	kg BOD <sub>5</sub> /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)	COD	91.6 %
	BOD <sub>5</sub>	95.9 %
	SS	95.3 %
	NH <sub>4</sub> -N*	79.9 %
Electrical consumption	1.1	kWh/d
<i>*determined for temperatures ≥ 12°C in the bioreactor</i>		

Performance tested by:

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

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



Notified Body  
Nr.: 1739



Certified according to  
ISO 9001:2008



Deutsche  
Akkreditierungsstelle  
D-PL-17712-01-02

Prüfinstitut für Abwassertechnik GmbH  
*(Signature)*  
Geprüft - tested - teste

Elmar Lancé

March 2014