



Prüfinstitut für  
Abwassertechnik  
GmbH

# PERFORMANCE RESULTS

## Tricel (Gloucester)

Fox House, Stonedale Road, Stonehouse, Gloucestershire, GL 10 3SA  
United Kingdom

### 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

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

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  
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Prüfinstitut für Abwassertechnik GmbH

geprüft - tested - testé

Elmar Lancé

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