

## **Declaration of Performance for Small Wastewater Treatment Systems**

All prefabricated septic tank units produced at Turley Bros. manufacturing plant, Newry, County Down conform to the requirements of BS EN 12566-3:2016 Small Wastewater Treatment Systems for up to 50 PT  
**Part 3: Packaged and/or site assembled domestic wastewater treatment plants & S.R.66**



7 Corcreechy Road, Sheepbridge, Newry. County Down  
BT34 1LP Northern Ireland  
Telephone 02830 266421  
Fax 02830 250542  
E-Mail conor@turleybros.com

- 1 Unique Identification:  
**Prefabricated Septic Tank (concrete): One-Chamber SBR System CT-10-1**
  
- 2 Type, batch / or serial number, or other marking for the identification of the construction product in accordance with Article 11:  
**Each unit will be identifiable by a unique identification code.**
  
- 3 Intended use(s):  
**To be used outside buildings for faecal water and organic effluent for a population up to 50 PE**
  
- 4 Manufacturer details:  
**TURLEY BROS  
7 Corcreechy Road,  
Sheepbridge, Newry  
County Down  
BT34 1LP  
Tel: 02830 266421  
Fax: 02830 250542  
Email: conor@turleybros.com**
  
- 5 System of Assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:  
**System 3**
  
- 6 Factory Production Control assessed by: **RMV Quality Assurance**
  
- 7 Product Type Testing Notified Body: **PIA-SR66-1606-1069**
  
- 8 Declared Performance:  
The declared performance and essential characteristics for each product is attached.

Signed for and on behalf of the manufacturer by: **Fergal Turley**

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Date:



**Turley Bros**

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Conforms to BS EN 12566-3: 2016  
S.R. 66

18

Prefabricated Septic Tank : One-Chamber SBR System CT-10-1  
PIA-SR66-1606-1069

<b>Material</b>	<b>CONCRETE</b>		
<b>Nominal Organic Daily Load</b>	<b>0.25 kg/d</b>		
<b>Nominal Hydraulic Daily Load</b>	<b>0.75 m<sup>3</sup>/d</b>		
<b>Treatment Efficiency (nominal sequences)</b>	<b>EFFICIENCY</b>	<b>EFFLUENT</b>	
	COD	<b>96.3%</b>	<b>25.0 mg/l</b>
	BOD <sub>5</sub>	<b>99.0%</b>	<b>3.0 mg/l</b>
	NH <sub>4</sub> -N	<b>98.4%</b>	<b>0.7 mg/l</b>
	SS	<b>98.8%</b>	<b>4.0 mg/l</b>
<b>Treatment Capacity</b>	<b>4 EH</b>		
<b>Power Consumption</b>	<b>0.69 kWh/d</b>		
<b>Watertightness</b>	<b>PASS</b>		
<b>Durability</b>	<b>PASS</b>		
<b>Number of Desludging</b>	<b>NOT MORE THAN ONCE</b>		
<b>Reaction to Fire</b>	<b>A1</b>		
<b>Structural Behaviour (vertical load test)</b>	<b>PASS (dry ground conditions)</b>		