



Declaration of performance DoP-12566-3-PUROOcomplete

1. Unique identification code of the product-type:

PUROO® Complete

2. Intended use:

Treatment of domestic wastewater for a population up to 16 PT

3. Manufacturer:

**ATB WATER GmbH
Südstr. 2
D-32457 Porta Westfalica**

4. Authorised representative:

Not relevant

5. System(s) of assessment and verification of constancy of performance:

System 3

6. a) Harmonized standard:

EN 12566-3:2005+A2:2013

Notified body(ies):

Treatment efficiency: NB1739 (PIA GmbH, Aachen)

Watertightness, Load bearing capacity, Durability, Reaction to fire:

- **Concrete: NB0992 (MFPA, Weimar)**
- **PE (Typ A), PP: NB1739 (PIA GmbH, Aachen)**
- **PE (AT122): NB1164 (CERIB, Epernon Cedex)**

7. Declared performance:

Effectiveness of treatment, as: Treatment efficiency	
- treatment efficiency ratios [%] (tested organic daily load: 0,29 kg BOD ₅ /d)	COD 94,9 (38 mg/l) BOD ₅ 97,2 (9 mg/l) NH ₄ -N 94,1 (1,9 mg/l) N _{tot} 82,5 (10 mg/l) SS 95,8 (15 mg/l)
Treatment capacity, as: Designation	
- nominal organic daily load	0,36 kg BOD ₅ /d
- nominal hydraulic daily flow (Q _N)	0,9 m ³ /d
Watertightness (Watertest)	Pass
Crushing resistance and maximum load deformation as:	
Load bearing capacity	Concrete, PP: max. allowed height of backfill: 1,0 m; DRY PE (Typ A): max. allowed height of backfill: 0,80 m; WET: 1,95 m PE (AT122): max. allowed height of backfill: 0,80 m; WET: 1,45 m
Durability	Pass Concrete: [EN 206-1] PE: Blow moulding [EN ISO 1133:2005, G; EN ISO 1183; EN ISO 572-2, 1B] PP: Injection moulding [EN ISO 1133, EN ISO 527-2]
Reaction to fire	Concrete: A1 / PE, PP: E
Release of dangerous substances	NPD

The performance of the product is in conformity with the declared performance. The above-mentioned manufacturer is solely responsible for drawing up the declaration of performance in accordance with Regulation (EU) No 305/2011.

Signed for and on behalf of the manufacturer by:

**Markus Baumann
Porta Westfalica, 30.12.2019**

ANNEX - additional information

Frequency of desludging during the practical test: 0