

## Declaration of performance

### DoP-12566-3-AQUAMAX

1. *Unique identification code of the product-type:*  
**AQUAMAX®**
2. *Intended use:*  
**Treatment of domestic wastewater for a population up to 50 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: NB0992 (MFPA, Weimar)**  
**Watertightness, Load bearing capacity, Durability, Reaction to fire:**
  - **Concrete: NB0992 (MFPA, Weimar)**
  - **PE (Typ A), PP: NB1739 (PIA GmbH, Aachen)**

7. *Declared performance:*

<b>Effectiveness of treatment, as: Treatment efficiency</b>											
- treatment efficiency ratios [%] (tested organic daily load: 0,22 kg BOD <sub>5</sub> /d)	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">COD</td> <td>91,6 (52 mg/l)</td> </tr> <tr> <td>BOD<sub>5</sub></td> <td>97,8 ( 7 mg/l)</td> </tr> <tr> <td>NH<sub>4</sub>-N</td> <td>98,2 (1,2 mg/l)</td> </tr> <tr> <td>N<sub>tot</sub></td> <td>73,0 (21 mg/l)</td> </tr> <tr> <td>SS</td> <td>91,3 (24 mg/l)</td> </tr> </table>	COD	91,6 (52 mg/l)	BOD <sub>5</sub>	97,8 ( 7 mg/l)	NH <sub>4</sub> -N	98,2 (1,2 mg/l)	N <sub>tot</sub>	73,0 (21 mg/l)	SS	91,3 (24 mg/l)
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SS	91,3 (24 mg/l)										
<b>Treatment capacity, as: Designation</b>											
- nominal organic daily load	0,24 kg BOD <sub>5</sub> /d										
- nominal hydraulic daily flow (Q <sub>N</sub> )	0,6 m <sup>3</sup> /d										
<b>Watertightness (Watertest)</b>	Pass										
<b>Crushing resistance and maximum load deformation as:</b>											
<b>Load bearing capacity</b>	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										
<b>Durability</b>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">Pass</td> <td>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]</td> </tr> </table>	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]								
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<b>Reaction to fire</b>	Concrete: A1 / PE, PP: E										
<b>Release of dangerous substances</b>	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: 1