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ATB WATER GmbH, Südstraße 2, D-32457 Porta Westfalica

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DoP-12566-3-AQUAMAX

EN 12566-3:2005+A2:2013

Treatment of domestic wastewater for a population up to 50 PT

AQUAMAX®

Effectiveness of treatment, as: Treatment efficiency	
- treatment efficiency ratios [%] (tested organic daily load: 0,22 kg BOD ₅ /d)	COD 91,6 (52 mg/l) BOD ₅ 97,8 (7 mg/l) NH ₄ -N 98,2 (1,2 mg/l) N _{tot} 73,0 (21 mg/l) SS 91,3 (24 mg/l)
Treatment capacity, as: Designation	
- nominal organic daily load	0,24 kg BOD ₅ /d
- nominal hydraulic daily flow (Q _N)	0,6 m ³ /d
Watertightness (Watertest)	Pass
Crushing resistance and maximum load deformation as:	
Load bearing capacity	<u>Concrete, PP</u> : max. allowed height of backfill: 1,0 m; DRY <u>PE (Typ A)</u> : max. allowed height of backfill: 0,80 m; WET: 1,95 m
Durability	Pass <u>Concrete</u> : [EN 206-1] <u>PE</u> : Blow moulding [EN ISO 1133:2005, G; EN ISO 1183; EN ISO 572-2, 1B] <u>PP</u> : Injection moulding [EN ISO 1133, EN ISO 527-2]
Reaction to fire	<u>Concrete</u> : A1 / <u>PE, PP</u> : E