

PERFORMANCE RESULTS

Bergmann Umwelttechnik GmbH
Am Zeisig 8, 09322 Penig, Germany

EN 12566-3, Annex B

Small wastewater treatment systems for up to 50 PT

Small wastewater treatment system WSB® clean basic
WSB Biofilm system in a polyethylene tank

Test report PIA2013-186B07e

| | | | |
|--|------------------------|------------|----------|
| Nominal organic daily load | 0.26 kg/d | | |
| Nominal hydraulic daily load | 0.75 m ³ /d | | |
| Material | PE | | |
| Watertightness (water test) | pass | | |
| Crushing resistance (pit test) | pass | | |
| Treatment efficiency (nominal sequences) | | Efficiency | Effluent |
| | COD | 94.7 % | 38 mg/l |
| | BOD ₅ | 97.5 % | 9 mg/l |
| | NH ₄ -N | 95.8 % | 1.7 mg/l |
| | SS | 97.2 % | 10 mg/l |
| Temperature during testing in the bioreactor | Minimum | 7.1 °C | |
| | Maximum | 19.6 °C | |
| Number of desludging | 0 | | |
| Electrical consumption | 1.1 kWh/d | | |

Performance tested by:

PIA – Prüfinstitut für Abwassertechnik GmbH
(PIA GmbH)
Hergenrather Weg 30
52074 Aachen, Germany

This document replaces neither the declaration
of performance nor the CE marking.



Notified Body
No.: 1739



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ISO 9001:2008



Prüfinstitut für Abwassertechnik GmbH
Elmar Lancé
geprüft - tested - teste

Elmar Lancé

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