



WPL Limited  
Units 1 and 2 Aston Road  
Waterlooville, Hampshire, PO7 7UX  
United Kingdom

13

**EN 12566-3**

Packaged domestic wastewater treatment plant  
for treatment of domestic wastewater

- Product's reference code: "Diamond"  
- Material: GRP

Notified Testing Institut: Prüfinstitut für Abwassertechnik GmbH  
Hergenrather Weg 30  
52074 Aachen  
Kennnummer: NB 1739

**Effectiveness of treatment:**

Treatment efficiency ratios (at tested organic daily load $BOD_5 = 0.29$ kg/d)	COD: 94.4 % BOD <sub>5</sub> : 97.9 % SS: 96.9 % KN: NPD P: NPD NH <sub>4</sub> -N: 88.4 %
--	---

**Treatment capacity (nominal designation):**

- Nominal organic daily load ( $BOD_5$ )	0.30 kg/d
- Nominal hydraulic daily flow ( $Q_N$ )	0.75 m <sup>3</sup> /d

**Watertightness:** (water test) Pass

**Crushing resistance:** (PIT test)  
Backfill 1,00m  
WET 1,10m

**Durability** Pass

**Reaction to fire** Class E

**Release of dangerous substances** NPD

**Power consumption** 2.3 kWh/d