

P R O T O C O L

O N P R O D U C T T Y P E T E S T I N G



Registration No. 1017 – CPD – 05.686.914

Issued in compliance with Article 5 Section 1 Clause b) of Government Order No. 190/2002 Coll. and in compliance with Council Directive No. 89/106/EEC of 21st December, 1988, on the approximation of laws, regulations and administrative provisions of the Member States relating to construction products, amended by Council Directive 93/68/EEC, by the Notified Body No. 1017.

Domestic Wastewater Treatment Plant

Type range: **Marsh Uni Ensign**

Types: 6PE, 10PE, 12PE, 16PE, 20PE, 25PE, 30PE, 35PE, 40PE, 45PE, 50PE

EN 12566-3:2005+A1:2009

MARSH INDUSTRIES LIMITED

Units 3-13, Little Addington Business Park, Irthlingborough Road, Little Addington,
Kettering NN14 4AS UNITED KINGDOM
VAT Ident. No.: GB866868943

Place of the production: See above

TÜV SÜD Czech s.r.o. performed the initial testing of the respective product characteristics described in Annex ZA of the standard

EN 12566-3:2005+A1:2009

The testing results are presented in the Evaluation Report Reg.No. 05.686.242 from 20-04-2012, which consists of 3 pages and forms an inseparable part of this Product Type Testing Protocol.

Treatment efficiency on organic daily loading BOD ₅ = 0,49 kg/day	BOD ₅	97,4 %	11,5 mg O ₂ /l
	COD _{CR}	91,0 %	71,5 mg O ₂ /l
	TSS	94,1 %	19,2 mg/l
	N-NH ₄ ⁺	81,0 %	8,4 mg/l
	P _{total}	42,0 %	5,7 mg/l
Watertightness	Passed		
Structural behaviour	Passed		
Durability	Passed		

In Prague, 03.05.2012



On behalf of the Notified Body 1017