PROTOCOL

ON PRODUCT TYPE TESTING

Czech

Registration No. 1017 – CPR – 05.686.914, Revision No. 2

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 laying down harmonised conditions for the marketing of construction products and repealing Council Directive 89/106/EEC, this protocol is issued for the construction product:

Domestic Wastewater Treatment Plant

Type range: **Marsh Uni Ensign; Marsh Uni Ensign Shallow**

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

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 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 results of the tests are given in the Evaluation Report Reg. No. 05.686.242 from 20 April 2012 and in the Inspection Report No. 06.431.719 from 1 February 2013, which are integral parts of this Protocol on product type testing.

Evaluation of tests:

Essential characteristics	Performance			Harmonised TS
Treatment efficiency on organic daily loading BOD_5 = 0,49 kg/day	BOD_5 COD_{CR} SS $N\text{-}NH_4^+$ P_{Total}	97,4 % 91,0 % 94,1 % 81,0 % 42,0 %	11,5 mg O_2/l 71,5 mg O_2/l 19,2 mg/l 8,4 mg/l 5,7 mg/l	EN 12566-3.2005+A1:2009 Annex B
Watertightness (water test)	Passed			EN 12566-3.2005+A1:2009
Structural behaviour (calculation)	Passed			EN 12566-3.2005+A1:2009
Durability	Passed			EN 12566-3.2005+A1:2009

This Protocol was first issued on 3 May 2012 as the Protocol on product type testing according to CPD.

Prague, 11 July 2013

TÜV SÜD Czech s.r.o. NOTIFIED BODY 1017

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on behalf of Notified Body 1017
Jana Bačinová
Head of Certification Department

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