PROTOCOL

ON THE ASSESSMENT OF PERFORMANCE OF THE PRODUCT

Czech

Registration No. 1017 – CPR – 11.381.333

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, and in compliance with Commission Delegated Regulation (EU) No 568/2014, this protocol is issued for the construction product:

Domestic wastewater treatment plant up to 50 equivalent inhabitants

Type series: BIO EASY FLOW (rotomoulding): 1RLM, 2RLM, 3RLM, 4RLM, 5RLM, 6RLM, 7RLM, 8RLM, 9RLM, 10RLM, 12RLM

BIO EASY FLOW (pipes spiro): 15RLM, 20RLM, 25RLM, 30RLM, 35RLM, 40RLM, 45RLM, 50RLM

BIO EASY FLOW (concrete): 4RLM, 5RLM, 6RLM, 7RLM, 8RLM, 9RLM, 10RLM, 12RLM, 15RLM, 20RLM, 25RLM, 30RLM, 35RLM, 40RLM, 45RLM, 50RLM

HABA RL Sp. z o.o. Sp. Komandytowa
Ul. Zdrojowa 51, 62-065 Grodzisk Wielkopolski, Poland
Company registration No.: 368989081

Place of production: see above

On the basis of testing, calculations, tabulated values and documentation within system 3 according to Annex V 1.4 CPR, TÜV SÜD Czech s.r.o. assessed the relevant characteristics of the product described in Annex ZA of the standard

EN 12566-3:2005 + A2:2013

The number of pages of this Protocol inclusive the title-page: 4

Essential characteristics	Performance			Harmonised technical specification
Treatment efficiency at tested organic daily load BOD_5 = 0,22 kg/day	BOD_5 COD SS N_{TOTAL} P_{TOTAL}	99,0 % 97,4 % 94,6 % 84,1 % 94,5 %	3,3 mgO_2/l 21,2 mgO_2/l 12,8 mg/l 5,6 mg/l 0,8 mg/l	EN 12566-3:2005+A2:2013
Watertightness (water test)	pass			EN 12566-3:2005+A2:2013
Load bearing capacity (calculation)	BIO EASY FLOW (rotomoulding): Backfill 1,0-1,5 m; WET 0,50-0,85 m acc. to type BIO EASY FLOW (pipes spiro): Backfill 1,6 m; WET 1,0 m BIO EASY FLOW (concrete) Backfill 0,0 m, WET 1,3-2,2 m acc. to type			EN 12566-3:2005+A2:2013
Durability (PE) Durability (concrete)	Pass (test methods: EN ISO 1133-1:2011, EN ISO 1183-1:2012, EN ISO 527-2:2012+Ap1:2013 PN-EN 1917:2004/AC:2009)			EN 12566-3:2005+A2:2013

Prague, date 03.08.2018

TÜV SÜD Czech s.r.o. - 16 - NOTIFIED BODY 1017

on behalf of Notified Body 1017
Pavla Nerandžičová
Head of Certification Department

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