Declaration of performance
Klaro E Professional

Nr. 002/Translation

1. Unique identification code of the product-type	**EN 12566-3: Small wastewater treatment system**
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4)	**Klaro Easy 5-50 Inhabitants** **Type size and serial number on control cabinet type plate**
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer	**Cleaning domestic wastewater in a volume of up to 150 l per inhabitant and day with a maximum pollution load of 0.06 kg/BOD_5 per inhabitant and day**
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5)	**Otto Graf GmbH Kunststofferzeugnisse** **Carl-Zeiss-Str. 2-6** **79331 Teningen** **Germany**
5. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V	**System 3**
6. **The notifying authority PIA (Prüfinstitut für Abwassertechnik GmbH) - NB 1739 - tested the cleaning performance of the wastewater treatment system. The Carat, Carat S and Carat XL tanks were tested for stability, leaks, durability and fire behaviour, see number 7.** **The fire behaviour of the Carat XL tank was tested by the Hoch test institute - NB 1508.**	

7. Declared performance

	Performance	**Test report No.**
Treatment efficiency	COD: 91,9 % 51 mg/l BOD_5: 95,9 % 12 mg/l NH_4-N: 65,4 % 12 mg/l SS: 94,4 % 20 mg/l	PIA2011-141B15
Watertightness	Passed	PIA2008-WD-AT0805-1027a (Carat), PIA2008-WD-AT0805-1027b (Carat S), PIA2010-WD-AT1005-1027 (Carat XL)
Crushing resistance	Passed	PIA2008-ST-AT0804-1019 (Carat S), PIA2008-ST-AT0710-1020+DH (Carat), PIA2010-ST-PIT-1005-1027 (Carat XL)
Durability	Passed	PIA2008-ST-AT0710-1020+DH (Carat) PIA2010-ST-PIT-1005-1027 (Carat XL)
Reaction to fire	Class E	PIA2013-FR-1306-1039 (Carat) KB-Hoch-121316 (Carat XL)

8. **The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.**

Signed for and on behalf of the manufacturer by:



i.V. Arne Schröder
Team leader, product management

Teningen, 15.07.2014