

# Declaration of performance

## Klaro E Professional



Nr. 002/Translation

1. Unique identification code of the product-type	<b>EN 12566-3: Small wastewater treatment system</b>
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4)	<b>Klaro Easy 5-50 Inhabitants</b> <b>Type size and serial number on control cabinet type plate</b>
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer	<b>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<sub>5</sub> per inhabitant and day</b>
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5)	<b>Otto Graf GmbH Kunststoffzeugnisse</b> <b>Carl-Zeiss-Str. 2-6</b> <b>79331 Teningen</b> <b>Germany</b>
5. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V	<b>System 3</b>
6. <b>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.</b> <b>The fire behaviour of the Carat XL tank was tested by the Hoch test institute - NB 1508.</b>	

7. Declared performance			
	Performance		Test report No.
<b>Treatment efficiency</b>	COD: 91,9 %	51 mg/l	PIA2011-141B15
	BOD <sub>5</sub> : 95,9 %	12 mg/l	
	NH <sub>4</sub> -N: 65,4 %	12 mg/l	
	SS: 94,4 %	20 mg/l	
<b>Watertightness</b>	Passed		PIA2008-WD-AT0805-1027a (Carat), PIA2008-WD-AT0805-1027b (Carat S), PIA2010-WD-AT1005-1027 (Carat XL)
<b>Crushing resistance</b>	Passed		PIA2008-ST-AT0804-1019 (Carat S), PIA2008-ST-AT0710-1020+DH (Carat), PIA2010-ST-PIT-1005-1027 (Carat XL)
<b>Durability</b>	Passed		PIA2008-ST-AT0710-1020+DH (Carat) PIA2010-ST-PIT-1005-1027 (Carat XL)
<b>Reaction to fire</b>	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