

# Declaration of performance

## one2clean/ one2clean+



Nr. 008/Translation

1. Unique identification code of the product-type	<b>EN 12566-3 + A2: 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>one2clean/ one2clean+ 3-18 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>
<b>6. The notifying authority PIA (Prüfinstitut für Abwassertechnik GmbH) - NB 1739 - tested the cleaning performance of the wastewater treatment system. The Carat S-and Carat RS tanks were tested for stability, leaks, durability and fire behaviour, see number 7.</b>	

7. Declared performance				
	Performance			Test report No.
<b>Treatment efficiency</b>	COD:	94,2 %	43 mg/l	PIA2014-216B14.01.e
	BOD <sub>5</sub> :	98,0 %	7 mg/l	
	NH <sub>4</sub> -N:	98,3 %	0,5 mg/l	
	N <sub>tot</sub> :	87,0 %	7,9 mg/l	
	SS:	96,3 %	14 mg/l	
<b>Watertightness</b>	Passed			PIA2008-WD-AT0805-1027b (Carat S) PIA2016-WD-1509-1050.01 (Carat RS)
<b>Crushing resistance</b>	Passed			PIA2008-ST-AT0804-1019 (Carat S) PIA2016-ST-PIT-1509-1050.01 (Carat RS)
<b>Durability</b>	Passed			PIA2008-ST-AT0710-1020+DH (Carat S) PIA2016-DH-1509-1050.01 (Carat RS)
<b>Reaction to fire</b>	Class E			PIA2013-FR-1306-1039 (Carat S) PIA2016-RF-1509-1050.01 (Carat RS)

**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, 09.02.2018