

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/BOD₅ 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 Kunststoffzeugnisse 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, Carat RS 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	PIA2011-141B15
	BOD ₅ :	95,9 %	12 mg/l	
	NH ₄ -N:	65,4 %	12 mg/l	
	SS:	94,4 %	20 mg/l	
Watertightness	Passed			PIA2008-WD-AT0805-1027a (Carat), PIA2008-WD-AT0805-1027b (Carat S), PIA2016-WD-1509-1050.01 (Carat RS), PIA2010-WD-AT1005-1027 (Carat XL)
Crushing resistance	Passed			PIA2008-ST-AT0804-1019 (Carat S), PIA2008-ST-AT0710-1020+DH (Carat), PIA2016-ST-PIT-1509-1050.01 (Carat RS), PIA2010-ST-PIT-1005-1027 (Carat XL)
Durability	Passed			PIA2008-ST-AT0710-1020+DH (Carat), PIA2016-DH-1509-1050.01 (Carat RS), PIA2010-ST-PIT-1005-1027 (Carat XL)
Reaction to fire	Class E			PIA2013-FR-1306-1039 (Carat), PIA2016-RF-1509-1050.01 (Carat RS, 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, 08.08.2016