

Declaration of Performance

No. UFH 004

1. Unique identification code of the product type Underground fire hydrants
2. Batch number Item, nominal width and manufacturing date see each product
3. Intended use Fire fighting
4. Name and contact address Düker
Düker GmbH
Hauptstraße 39-41
D-63846 Laufach
www.dueker.de
5. Where applicable, authorised representative Not applicable
6. System of assessment System 1
7. Details The notified body OFI Technologie & Innovation GmbH Vienna 1085 has performed the initial type testing for the relevant characteristics of the product, the initial inspection of the factory and of the factory production control, and performs the continuous surveillance, assessment and approval of the factory production control. The notified body has issued a corresponding certificate.
8. Product with a European Technical Assessment Not applicable

9. Declared performance	Essential characteristics	Performance	Harmonised technical specification
	Operational reliability		
	Construction		
	Body	EN-GJS	EN 14339:2005
	Elastomers	EN 681-1 Type WA	EN 14339:2005
	Sealing body	fix, exchangeable	EN 14339:2005
	Stem sealing	NPD*	EN 14339:2005
	Drainage system remaining water/time	≤ 100 ml/≤ 15 min.	EN 14339:2005
	Pressure	pass	EN 14339:2005
	Stem drive	pass	EN 14339:2005
	Direction of closure	clockwise	EN 14339:2005
	Number of opening turns total / start of flow	9 / 3 turns	EN 14339:2005
	Resistance of hydrant to operating loads maximum operating torque MOT: minimum strength torque MST:	105 Nm 210 Nm	EN 14339:2005
	Resistance to disinfectants	pass	EN 14339:2005
	Hydrants for non-potable water systems	as agreed upon	EN 14339:2005
	Hydraulic characteristics min/measured	$K_v \geq 60 \text{ m}^3/\text{h} / 131 \text{ m}^3/\text{h}$	EN 14339:2005
	Connection dimensioning inlet (flange) / outlet coupling	DN 80 PN 16 EN 1092-2 / DN 80 (75 mm) DVGW W 386	EN 14339:2005
	Durability of operational reliability		
	Resistance against corrosion enamel: epoxy powder coating outside/inside:	EN ISO 11177 DIN 3476 / DIN 30677-1	EN 14339:2005
	Endurance	pass	EN 14339:2005

* No Performance Determined

- 10 Conclusion The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. 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:

Stefan Flentge, Head of Innovation

and

Simon Salg, Quality Management

Names and functions

Karlstadt, 20.09.2022
Place and date of issue

PPa. S. Flentge
i. A. Salg

Signatures