

Declaration of Performance

No. UEFH 004

1. Unique identification code of the product type Pillar 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		
Body	EN-GJS	EN 14384:2005
Elastomers	EN 681-1 Type WA	EN 14384:2005
Sealing body	exchangeable	EN 14384:2005
Materials in contact with water for human use	pass	EN 14384:2005
Elements of the operating system	pass (predetermined breaking point)	EN 14384:2005
Operating mechanism	pass (functioning)	EN 14384:2005
Drainage system remaining water/time	DN 80 ≤ 100 ml , DN 100 ≤ 150 ml / / ≤ 22,5 min.	EN 14384:2005
Protecting cover	pass (functioning)	EN 14384:2005
Colour	NPD*	EN 14384:2005
Pressure	pass	EN 14384:2005
Direction of closure	clockwise	EN 14384:2005
Number of opening turns total / start of flow	14 / 4 turns	EN 14384:2005
Resistance of hydrant to operating loads maximum operating torque MOT: minimum strength torque MST:	130 Nm 260 Nm	EN 14384:2005
Resistance to disinfectants	pass	EN 14384:2005
Hydrants for non-potable water systems	as agreed upon	EN 14384:2005
Hydraulic characteristics dep. on the outlet 1 x 65 mm: min / measured / with prot. cover 2 x 65 mm: min / measured / with prot. cover 1 x 100 mm: min / measured / with prot. cover	$K_v \geq 80 \text{ m}^3/\text{h} / 136 \text{ m}^3/\text{h} / 120 \text{ m}^3/\text{h}$ $K_v \geq 140 \text{ m}^3/\text{h} / 220 \text{ m}^3/\text{h} / 225 \text{ m}^3/\text{h}$ $K_v \geq 160 \text{ m}^3/\text{h} / 255 \text{ m}^3/\text{h} / 255 \text{ m}^3/\text{h}$	EN 14384:2005
Connection dimensioning inlet (flange) outlet 2x valve outlet B / 1x valve outlet A	DN 80 or 100 PN 16 EN 1092-2 65 mm DIN 14318 / 100 mm DIN 14319	EN 14384:2005

Durability of operational reliability		
Resistance against corrosion enamel: epoxy powder coating outside/inside:	EN ISO 11177 DIN 3476 / DIN 30677-1	EN 14384:2005
Endurance	pass	EN 14384:2005

* 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:

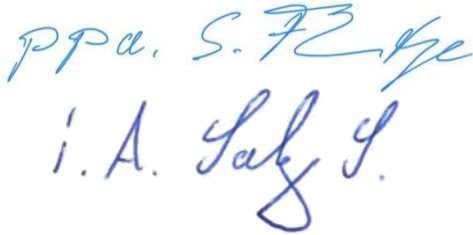
Stefan Flentge, Head of Innovation

and

Simon Salg, Quality Management

Names and functions

Karlstadt, 20.09.2022
Place and date of issue



Signatures