

Declaration of Performance

No. 598 004

1. Unique identification code of the product type Ductile iron fittings for sewerage applications
2. Batch number Numéro d'article, diamètre nominal, angle et date de fabrication voir le produit individuel
3. Intended use Sewerage pipelines
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 4
7. Details The manufacturer performs a factory production control.
8. Product with a European Technical Assessment Not applicable

Essential characteristics	Performance	Harmonised technical specification
Dimension tolerances (on external diameter DE for compatibility purposes)	pass	EN 598:2009-10
Internal pressure strength (tensile strength)	> 420 MPa	EN 598:2009-10
Impact resistance	< 250 HB	EN 598:2009-10
Longitudinal bending resistance	NPD*	EN 598:2009-10
Maximum load for admissible deformation	NPD*	EN 598:2009-10
<u>Tightness: gas and liquid</u> <u>Leaktightness of joints and Table 7</u>		
Internal pressure	threshold (2 bar) - gravitary 1.5 PFA + 5 bar - internal pressure	EN 598:2009-10
Vacuum	threshold (-0,9 bar)	EN 598:2009-10
External pressure	threshold (2 bar)	EN 598:2009-10
Cyclic pressure	threshold (24000 cycles)	EN 598:2009-10
<u>Durability aspects</u>		
External coatings for fittings	EN 598, EN 14901	EN 598:2009-10
Internal linings for fittings (Chemical resistance to effluents)	pass	EN 598:2009-10
Internal linings for fittings (Abrasion resistance)	pass	EN 598:2009-10

* 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

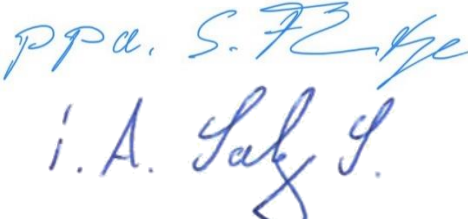
and

Simon Salg, Quality Management

Names and functions

Karlstadt, 20.09.2022

Place and date of issue



Signatures