DECLARATION OF PERFORMANCE

No. 20140009

1. Unique identification code of the product type:

Forged steel bar acc. to EN 10088-5:2009 in 1.4462

2. Type, batch or serial no. or any element allowing identification of the construction product as required pursuant to Article 11(4):

As indicated on the referring 3.1 inspection certificate

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as forseen by the manufacturer:

Use in metallic structures or in composite metal and concrete structures

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required acc. to Article 11(5):

ITALFOND S.p.A. - Via Industriale, 1 – Bagnolo Mella (BS) - Italy

5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks acc. to Article 12(2):

n.r.

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 2+

7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:

The Notified Body– TÜV SÜD Industrie Service GmbH, Westendstr. 199, D – 80686 Munich, no. 0036 – has performed the initial inspection of the manufacturing plant and of factory production control as well as the continuous surveillance, assessment and evaluation of factory production control under system 2+ and issued a certificate of conformity of the factory production control with no. 0036 – CPR – M 071.2014.001

8. In case of the declaration of performance concerning a construction product for which an European Technical Assessment has been issued:

n.r.

9. Declared performance:

Essential characteristics (EN 10088-5:2009, Anhang ZA)	Performance	Harmonized technical specification
Tolerances on dimensions	EN 10060:2004 passed	EN 10088-5:2009
	≤ 160 mm	
Elongation	≥ 25 % (long.)	EN 10088-5:2009
Tensile strength	650 – 880 MPa	EN 10088-5:2009
Yield strength $R_{p0.2}$	≥ 450 MPa	EN 10088-5:2009
Impact strength	≥ 100 J (long.)	EN 10088-5:2009
Weldability	passed	EN 10088-5:2009
Durability	passed	EN 10088-5:2009
Fracture toughness	passed	EN 10088-5:2009
Cold formability	Passed	EN 10088-5:2009

10. 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:

Chiara Veronesi – Quality Manager

(name and function)

Bagnolo Mella, 13.05.2021

Chiara Veronesi

(signature)