

**DECLARATION OF PERFORMANCE INOX**  
**nr. 316 -2016 Rev. 1**

**1. Unique identification code of the product-type:**

**ELB316**

**2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):**

Solid wire EN ISO 14343-A - G 19 12 3 L Si

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

Welding consumables: wires of stainless steels

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

ELBOR SPA – Via Naz. le Arcella 12 bis - 83030 Montefredane (AV) ITALY

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

N.A.

**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 TUV RHEINLAND performed initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control n.° **0035-CPR-C607**

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

N.A.

**9. Declared performance:**

Essential characteristics (EN 13479:2004)	Performance	Harmonized technical specification
Tolerances on dimensions	passed	EN 13479:2004, EN ISO 544:2011
Elongation	≥ 25%	EN 13479:2004, EN ISO 14343:2010
Tensile strength	≥ 510 MPa	EN 13479:2004, EN ISO 14343:2010
Yield strength	≥ 320 MPa	EN 13479:2004, EN ISO 14343:2010
Impact toughness	≥ 80 J (R.T.)	EN 13479:2004, EN ISO 14343:2010
Chemical composition	passed	EN 13479:2004, EN ISO 14343:2010
Durability	passed	EN 13479:2004
Dangerous substances	passed	EN 13479:2004
Emission of radioactivity	not relevant	EN 13479:2004

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:

ELBOR SPA

TECHNICAL AND QUALITY DEPARTMENT

