

# Declaration of Performance

## No. Fe36-CPR-2013-07

### 1608 CPR P118

1. Unique identification code of the product type:  
**Fe36**
2. Type, batch or serial no. or any element allowing identification of the construction product as required pursuant to Article 11(4):  
**steel rod Fe36 according to EN 10025-2 grade S235JR**
3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:  
**to be used in metal structures**
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required acc. to Article 11(5):  
**FERRIERE NORD S.p.A. – Zona Industriale Rivoli – 33010 Osoppo (UD)**
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 IGQ (Istituto Italiano di Garanzia della Qualità) no. 1608 – 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. P 118.**
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 characteristic (EN 13479: 2004, Annex ZA)	Performance	Harmonised technical specification
Tolerances on dimensions	<b>Passed</b>	EN 10025-1 / EN 10017
Elongation	<b>≥ 36 %</b>	EN 10025-1 / EN 10025-2
Tensile strength	<b>380 to 430 MPa</b>	EN 10025-1 / EN 10025-2
Yield strength	<b>≥ 235 MPa</b>	EN 10025-1 / EN 10025-2
Impact strength	<b>≥ 27 J at -20°C</b>	EN 10025-1 / EN 10025-2
Weldability (CEV)	<b>≤ 0.20 %</b>	EN 10025-1 / EN 10025-2
Durability (Chemical composition)	<b>C% max 0.06; Si% max 0.12; Mn% 0.30-0.45; P/S% max 0.030; N% max 0.012; Cu% max 0.30.</b>	EN 10025-1 / EN 10025-2

\*) Detailed information regarding dangerous substances refer to the safety data sheet

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.

Osoppo, 01 July 2013

signed for and on behalf of the manufacturer:

name: Ascanio Cristiano

function: Quality mgr



Ferriere Nord S.p.A.

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