



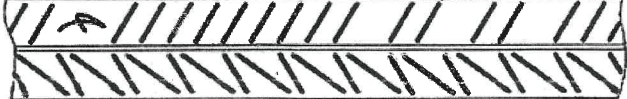
ArcelorMittal

Declaration of performance

No. 61-396430.01.2024

1. **Unique identification code of the product-type**
Weldable, ribbed, hot rolled reinforcing steel bars
2. **Type, batch or serial number or any other element allowing identification of the construction product and manufactured place:**
Rolling marking: 9/2/2 (indicated on the label and bars) B500B (diameters $\varnothing 8 - \varnothing 32$ mm)
3. **Harmonised technical specification applicable for construction product:**
LST EN 10080:2005
4. **Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:**
For the reinforcement of concrete structures
5. **Name, registered trade name or registered trade mark and contact address of the manufacturer**
PJSC «ArcelorMittal Kryvyi Rih» 1, Ordzhonikidze (Kryvorizhstali), 50095 Kryvyi Rih, Ukraine
6. **Where applicable, name and contact address of the authorised representative:**
Not applicable
7. **System or systems of assessment and verification of constancy of performance of the construction product:**
1+
8. **The name of the certification body or certification laboratory:**
Designated body - **Organization certified by KIWA INSPECTA** - performed the initial inspection of the manufacturing plant and of factory production control and performs continuing surveillance, assessment and evaluation of factory production control under **system 1+** issued the **Certificate of constancy of performance Nr.04-18-149**
9. **Name of the technical assessment body:**
Not applicable

10. Deklaruojamos eksploatacinės savybės:

Essential characteristics	Performance	Test method	Technical Specification
Elongation, (characteristic value) A_{gt} :	$\geq 5,0\%$	LST EN ISO 15630-1:2019	LST EN 10080:2005
Weldability (product analysis): - carbon equivalent, $C_{eq} = C + Mn/6 + (Cu + Ni)/15 + (Cr + Mo + V)/5$; limitations on the content of certain element (durability product analysis, %): - carbon, C; - sulphur, S; - phosphorus, P; - nitrogen, N; - copper, Cu;	$\leq 0,52\%$	LST EN 10080:2005	
Tolerances, %: d = 8 d > 8	$\pm 6,0$ $\pm 4,5$	LST EN ISO 15630-1:2019	
Bendability taste /: (180°)	pass	LST EN ISO 15630-1:2019	
Bendability taste /: (90°/20°)	pass	LST EN ISO 15630-1:2019	
Bonding strength (surface geometry) f_R : d = 8 ÷ 12 mm d = 14 ÷ 32 mm	$\geq 0,040$ $\geq 0,056$	LST EN ISO 15630-1:2019	
Ratio (characteristic value) R_m/R_e :	$\geq 1,08$	LST EN ISO 15630-1:2019	
Yield strength (characteristic value MPa), R_e :	≥ 500	LST EN ISO 15630-1:2019	
Rolling marking 9/2/2 per each 0,5-1,5 meter			

11. 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 5

Signed by: DIRECTOR OF QUALITY DEPARTMENT PJSC ARCELORMITTAL KRYVYI RIH

KRYVYI RIH, 30.01.2024
(place and date of issue)

Sergey Kopylov



(signature)