ArcelorMittal

Declaration of performance
No. 61-40 Big 30.01.2024

1. **Unique identification code of the product-type:**
   Weldable, ribbed, hot rolled reinforcing steel coils
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 coils) B500B (diametres ∅8 - ∅24 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 whose mandate:**
   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 No. 04-20-246**
9. **Name of technical assessment institution:**
   Not applicable

PJSC «ArcelorMittal Kryvyi Rih»
1, Kryvorizhstali street
(Ordzhonikidze)
Kryvyi Rih, 50006
Ukraine

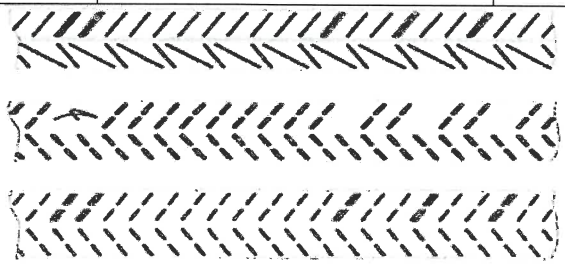
T +38 056 499 16 23
F +38 056 499 85 50

E-mail: amkr@arcelormittal.com
ukraine.arcelormittal.com

ПАТ «АрселорМіттал Кривий Ріг»
вул. Криворіжсталі
(Орджонікідзе), 1
м. Кривий Ріг, 50006
Україна

IBAN
UA283005840000026008200354222
в ПАТ «Сітібанк»
Код ЄДРПОУ – 24432974,
МФО.– 300584

10. **Deklaruojamos eksploatacinės savybės:**

Essential characteristics	Performance	Test method	Technical Specification
Elongation, (characteristic value) A_{gt}:	≥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; - cooper, Cu;	≤ 0,52% ≤ 0,240 ≤ 0,055 ≤ 0,055 ≤ 0,014 ≤ 0,850	LST EN 10080:2005 spectrometric methods spectrometric method spectrometric method method of reduction melting spectrometric method	
Tolerances, %: d = 8 d > 8	 ±6,0 ±4,5	LST EN ISO 15630-1:2019	
Bendability test (180°)	pass	LST EN ISO 15630-1:2019	
Bendability test (90°/20°)	pass	LST EN ISO 15630-1:2019	
Bonding strength (surface geometry) f_R: d = 8 ÷ 12 mm d = 14 ÷ 24 mm	 ≥0,040 ≥0,056	LST EN ISO 15630-1:2019	
Ratio (characteristic value): R_m/R_e	≥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 10.
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

Sergey Kopylov

KRYVYI RIH, 30.01.2024
(place and date of issue)

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(signature)