



**Certificate of constancy of performance**  
**Nr. 04-20-246**



UAB „Kiwa Inspecta“ Certification body, after actions according to STR 1.01.04:2015 system 1+ has granted this certificate as proof that

**weldable, ribbed, hot rolled reinforcing steel coils**  
for the reinforcement of concrete structures  
(name of product and intended use)

**brand name B500B\_EN10080,**  
**diameters: Ø8 mm, Ø10 mm, Ø12 mm, Ø14 mm, Ø16 mm,**  
**Ø20 mm, Ø24 mm**  
**manufacturer identification marking: 9/2/2**  
(type of the product)

produced by

**PJSC „ArcelorMittal Kryvyi Rih“,**  
Ordzhonikidze str. 1, Kryviy Rih, Dnepropetrovsk region, 50095, Ukraine /  
company code: ЕГРПІОУ 24432974  
(name and address of the manufacturer, company code)

in the manufacturing plant

Ordzhonikidze str. 1, Kryviy Rih, Dnepropetrovsk region, 50095, Ukraine  
(address of manufacturing plant)

conform to

**LST EN 10080:2005**

requirements and values declared by manufacturer (see annex).

This certificate was first issued **2020-07-27** and will remain valid as long as the standard remains valid and the factory production control fulfils all the prescribed requirements of the standard set out above.

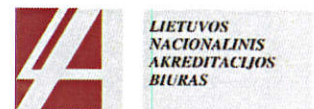
Validity of the certificate can be checked at UAB "Kiwa Inspecta" Certification body.

Date of issue: 2020-09-07

Romas Skripka  
Certification business unit manager

CERTIFICATE

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PRODUKTU SERTIFIKAVIMAS  
ISO/IEC 17065  
Nr. LA.03.013



Performance of the product:

Characteristics	Test method	Unit of measurement	Declared value
Yield strength, $R_e$	LST EN ISO 15630-1	MPa	$\geq 500$ $\leq 650$
Tensile strength, $R_m$	LST EN ISO 15630-1	MPa	$\geq 550$
Ratio tensile strength/yield strength, $R_m/R_e$	LST EN ISO 15630-1	-	$\geq 1.08$
Percentage total elongation at maximum force, $A_{gt}$	LST EN ISO 15630-1	%	$\geq 5.0$
Suitability for bending	LST EN ISO 15630-1	90°/20°	pass
Relative rib area, $f_R$ : - when the diameter $d=8\div 12$ mm - when the diameter $d=14\div 24$ mm	LST EN ISO 15630-1	-	$\geq 0.040$ $\geq 0.056$
Tolerance of the mass per metre: - when the diameter $d=8$ mm - when the diameter $d>8$ mm	LST EN ISO 15630-1	%	$\pm 6.0$ $\pm 4.5$
Weldability (carbon equivalent $C_{eq}$ )	chemical analysis	%	$\leq 0.52$
Durability: - carbon, C - sulphur, S - phosphorus, P - nitrogen, N - cooper, Cu	chemical analysis	%	$\leq 0.24$ $\leq 0.055$ $\leq 0.055$ $\leq 0.014$ $\leq 0.85$

\* - manufacturer identification marking: 9/2/2



Romas Skripka  
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2020-09-07