



**Certificate of constancy  
of performance  
No. 04-23-345**

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

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

**brand name B500A,**  
**diameters: Ø5 - 12 mm\***  
**manufacturer identification marking: 6/11**  
(type of the product)

produced by

**JSC „Litspringas“,**  
Salantu str. 8, LT- 90112, Plunge, Lithuania / company code: 304419657  
(name and address of the manufacturer, company code)

in the manufacturing plant

Salantu str. 8, LT- 90112, Plunge, Lithuania  
(address of manufacturing plant)

conforms to

**LST EN 10080:2005**

requirements and values declared by manufacturer (see annex).

This certificate was first issued **2023-04-14** 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 JSC "Kiwa Inspecta" Certification body.

Issue date: 2023-07-27

Mindaugas Grigonis  
Certification business unit manager

CERTIFICATE



Performance of the product:

Characteristics	Test method	Unit of measurement	Declared value
Yield strength, $R_e$	LST EN ISO 15630-1	MPa	$\geq 500$
Ratio tensile strength/yield strength, $R_m/R_e$	LST EN ISO 15630-1	-	$\geq 1.05$
Percentage total elongation at maximum force, $A_{gt}$	LST EN ISO 15630-1	%	$\geq 2.5$
Suitability for bending	LST EN ISO 15630-1	180°	pass
Dimensional accuracy	LST EN ISO 15630-1	-	pass
Fatigue strength	LST EN ISO 15630-1	Number of cycles	NPD
Weldability (carbon equivalent $C_{eq}$ )	chemical analysis	%	$\leq 0.52$
Durability: - carbon, <b>C</b> - sulphur, <b>S</b> - phosphorus, <b>P</b> - nitrogen, <b>N</b> - copper, <b>Cu</b>	chemical analysis	%	$\leq 0.24$ $\leq 0.055$ $\leq 0.055$ $\leq 0.014$ $\leq 0.85$

\* - manufacturer identification marking: 6/11

Mindaugas Grigonis  
Certification business unit manager  
2023-07-27