

Certificate



CERTIFICATE OF CONSTANCY OF PERFORMANCE

Certificate No. **SP-0014**

The TÜV NORD Lietuva, UAB Certification Department having carried out the actions required by STR 1.01.04:2015 for system **1+** and issuing this certificate, confirms that the company

UAB „Litspringas“

Salantų str. 8, Plungė, Lithuania

304419657

(manufacturer, address, company code)

Salantų str. 8, Plungė, Lithuania

(place of manufacture)

-

(authorised representative, address, company code)

produced

B500B technical grade welded reinforcing steel in coils with a nominal diameter of Ø 8 mm to Ø 16 mm, used for reinforcing concrete

(product name, purpose of use)

„B500B“

(product type)

see annex

(performance characteristics)

conforms to the requirements of **LST EN 10080:2005¹**.

The certificate was first issued in **2025-11-28** and is valid for as long as the standard is in force, provided that the company's production control system complies with all the requirements of the above standard, unless suspended or revoked by the TÜV NORD Lietuva, UAB Certification Department. Information on the validity of this certificate can be obtained from the TÜV NORD Lietuva, UAB Certification Department.

Valid from 2025-11-28

Head of TÜV NORD Lietuva, UAB Certification Department
Mindaugas Grigonis

¹ this standard has been adopted by the national standard of Lithuania.

Annex

Certificate No. SP-0014
LST EN 10080:2005

UAB „Litspringas“
Salantų str. 8, Plungė, Lithuania
304419657

Essential declared characteristics of B500B technical grade welded reinforcing steel in coils with a nominal diameter of Ø 8 mm to Ø 16 mm, used for reinforcing concrete

Characteristic	Test method / Classification standard	Declared value	Notes
Yield strength, R_e	LST EN ISO 15630-1	≥ 500	MPa
Ratio tensile strength/yield strength, R_m/R_e	LST EN ISO 15630-1	≥ 1.08	-
Percentage total elongation at maximum force, A_{gt}	LST EN ISO 15630-1	≥ 5.0	%
Sustainability for bending	LST EN ISO 15630-1	180°	pass
Relative rib area, f_R Ø 8 – Ø 12 mm $\geq$ Ø 12 mm	LST EN ISO 15630-1	≥ 0.040 ≥ 0.056	%
Tolerance of the mass per meter = Ø 8 mm > Ø 8 mm	LST EN ISO 15630-1	± 6.0 ± 4.5	%
Weldability, carbon equivalent, C_{eg}	Chemical analysis	≤ 0.52	%
Durability: carbon, C sulphur, S phosphorus, P nitrogen, N copper, Cu	Chemical analysis	≤ 0.24 ≤ 0.055 ≤ 0.055 ≤ 0.014 ≤ 0.85	%

Valid from 2025-11-28

Head of TUV NORD Lietuva, UAB Certification Department
Mindaugas Grigonis