



Certificate of constancy of performance No. 04-24-380



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

CELSA ATLANTIC, S.L

Lugar Raxido n^o7 – Cabovilaño – 15145 A Laracha – A Coruña, Spain
(name and address of the manufacturer)

in the manufacturing plant

CELSA ATLANTIC, S.L

Lugar Raxido n^o7 – Cabovilaño – 15145 A Laracha – A Coruña, Spain
(address of manufacturing plant)

produced by

weldable, ribbed, hot rolled reinforcing steel coils

for the reinforcement of concrete structures
(name of product and intended use)

brand name B500B,

diameters: Ø8 - Ø12 mm

manufacturer identification marking: 7/23

(type of the product)

conform to

LST EN 10080:2005

requirements and values declared by manufacturer (see annex).

This certificate was first issued **2024-03-22** and will remain valid as long as the standard remains valid and the factory production control fulfils all the prescribed requirements of the standart set out above.

Laimutė Ditauskienė
Certification business unit manager



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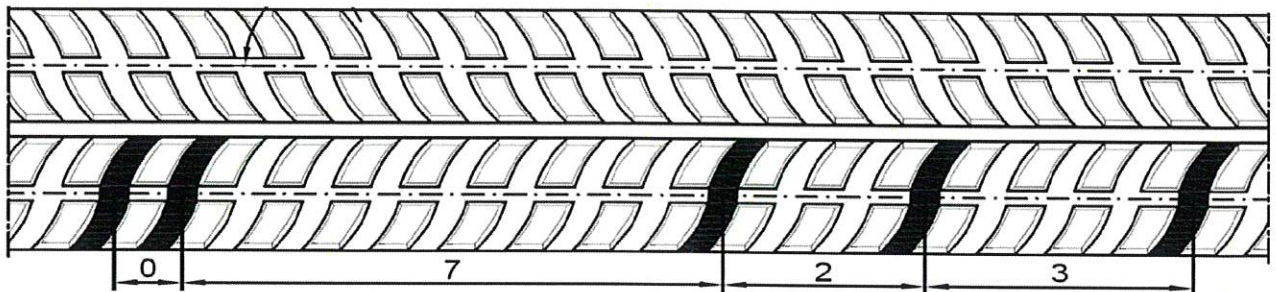
Annex of certificate of constancy of performance No. 04-24-380



Performance of the product:

Characteristics	Test method	Unit of measurement	Declared value
Yield strength, R_e	LST EN ISO 15630-1	MPa	≥ 500
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
Suitability for bending	LST EN ISO 15630-1	-	pass
Relative rib area, f_R Ø8- Ø12 mm	LST EN ISO 15630-1	-	≥ 0.040
Dimensional tolerances	LST EN ISO 15630-1	-	conform
Tolerance of the mass per meter =Ø8mm >Ø8 mm	LST EN ISO 15630-1	%	± 6.0 ± 4.5
Weldability (carbon equivalent C_{eq})	chemical analysis	%	≤ 0.52
Durability: - carbon, C - sulphur, S - phosphorus, P - nitrogen, N - cooper, Cu	chemical analysis	%	≤ 0.24 ≤ 0.055 ≤ 0.055 ≤ 0.014 ≤ 0.85

* - manufacturer identification marking: 7/23



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Certification business unit manager
2024-03-22

