

Certificate

kiwa

Certificate of constancy of performance

No. 04-25-399

Date of issue **2026-02-17**

First issued **2025-01-29**

Valid until *

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

KROMAN ÇELİK SANAYİ A.Ş.

(company name)

Emek Mah. Asiroglu Cad. No.155 41700 Darica-Kocaeli-Turkey / Reg. No. 5900002356

(company address, company code)

in the manufacturing plant

Emek Mah. Asiroglu Cad. No.155 41700 Darica-Kocaeli-Turkey

(address of the manufacturing plant)

produced by

weldable, ribbed, hot rolled reinforcing steel bars

for the reinforcement of concrete structures

(name of product and intended use)

brand name B500B

diameters Ø8 - Ø32 mm

manufacturer identification marking 9/4/1

(type of the product)

the product's performance characteristics are specified in the annex

(product type and performance of the product)

conform to **LST EN 10080:2005** requirements.

* This certificate will remain valid as long as the mentioned technical specification remains valid and the factory production control fulfils all the prescribed requirements of the standard set out above.

Laimutė Ditauskienė
Certification business unit Manager



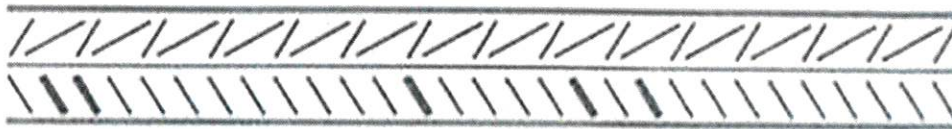
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Performance characteristics:

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
Dimensional tolerances	LST EN ISO 15630-1	-	pass
Relative rib area, f_R : $\varnothing 8 \div \varnothing 12$ mm $> \varnothing 12$ mm	LST EN ISO 15630-1	-	≥ 0.040 ≥ 0.056
Tolerance of the mass per metre: $= \varnothing 8$ mm $> \varnothing 8$ 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: 9/4/1



Laimutė Ditauskienė
 Certification business unit Manager
 2026-02-17

