



Center for
Testing and
European
Certification

**REGISTRATION NUMBER 12 OF THE REGISTER
OF THE MINISTRY OF REGIONAL DEVELOPMENT AND PUBLIC WORKS**

CERTIFICATE OF CONFORMITY

12 - НУРВСПСРБ - 1523

Issued pursuant to art. 14, paragraph 1 and/or art.2 of the Ordinance № РД-02-20-1/05.02.2015 on the terms and conditions for use of construction products in the construction of the Republic of Bulgaria (НУРВСПСРБ) of the Ministry of Regional Development and Public Works for the Construction Product:

Weldable reinforcing steel B500B and B500C

with assessed characteristics given in the annex to the certificate, intended for reinforcement of concrete structures,

placed on the market by

YEŞİLYURT DEMİR ÇELİK END. VE LİMAN İŞL. A.Ş.,
Cumhuriyet Mah. Akal cad. NO :1 Tekkekoy-Samsun, Türkiye
and produced in the plant

YEŞİLYURT DEMİR ÇELİK END. VE LİMAN İŞL. A.Ş.,
Cumhuriyet Mah. Akal cad. NO :1 Tekkekoy-Samsun, Türkiye

This certificate attests that the product's characteristics are assessed according to
BDS EN 10080:2005, BDS 9252:2007

and comply with the national requirements set out in:
clause 1.1.1 (1.1) of Application No3 to clause 2 of Ordinance NoRD-02-14-1329/03.12.2015, supplemented and amended by Ordinance NoRD-02-14-590/05.07.2017 of the Ministry of Regional Development and Public Works for the Construction Product.

The certificate was issued for the first time on 27.05.2022 and remains valid, provided that the manufacturer ensures consistency of the product characteristics and conditions of production or production control are not significantly altered.

The validity of the certificate is confirmed annually by re-issuance in compliance with the rules of certification of Center for Testing and European Certification Ltd.

First issue: 27.05.2022r.

Current issue: 27.05.2025r.

Expiry date: 27.05.2026r.

Manager:
Eng. Blagovesta Shineva



This edition of the certificate replaces and cancels all its previous editions
This Certificate includes one Annex with 1 (one) page



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WORKS**

**A N N E X
TO CERTIFICATE 12 – НУРВСПРСБ – 1523**

Product type	Intended use	Technical specification	Characteristics
Weldable reinforcing steel class B500B with diameters from 8mm to 40mm	reinforcement of concrete structures	BDS EN 10080:2005, BDS 9252:2007	Yield strength: $R_e \geq 500$ MPa Tensile strength: $R_m \geq 550$ MPa Relative elongation at maximum force: $A_{gt} \geq 5\%$ Ratio $R_m/R_e > 1,08$ Ratio $R_{e.act}/R_{e.nom} \leq 1,25$ Bending (180°): pass Bending (90°) and rebending ($\geq 20^\circ$): pass Linear mass: complies with BDS 9252:2007, table 1 Cross-sectional area, A_n : complies with BDS 9252:2007, table 1 Geometric characteristics of the surface: complies with BDS 9252:2007, table 2 Chemical composition: complies with BDS 9252:2007, table 3 Weldability (carbon equivalent): complies with BDS 9252:2007, table 3
Weldable reinforcing steel class B500C with diameters from 8mm to 40mm	reinforcement of concrete structures	BDS EN 10080:2005, BDS 9252:2007	Yield strength: $R_e \geq 500$ MPa Tensile strength: $R_m \geq 575$ MPa Relative elongation at maximum force: $A_{gt} \geq 7,5\%$ Ratio $R_m/R_e \geq 1,15, \leq 1,35$ Ratio $R_{e.act}/R_{e.nom} \leq 1,25$ Bending (180°): pass Bending (90°) and rebending ($\geq 20^\circ$): pass Linear mass: complies with BDS 9252:2007, table 1 Cross-sectional area, A_n : complies with BDS 9252:2007, table 1 Geometric characteristics of the surface: complies with BDS 9252:2007, table 2 Chemical composition: complies with BDS 9252:2007, table 3 Weldability (carbon equivalent): complies with BDS 9252:2007, table 3

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