



# CERTIFICATE

## OF CONSTANCY OF PERFORMANCE

**Certificate - No.:** CAS-TAT-00241

- Product** : Steel for the reinforcement of weldable, ribbed, hot rolled reinforcing steel
- Type** : Grade B 500B and Grade B 500C  
Ø8, 10, 12, 14, 16, 18, 20, 22, 24, 25, 26, 28, 30, 32, 36, 40 mm.
- Intended use** : For the reinforcement of concrete structures
- Performances** : See Annex 1
- Manufacturer** : **DİLER DEMİR ÇELİK ENDÜSTRİ VE TİCARET A.Ş.**
- Manufacturing plant** : DOSB 1. KISIM DİCLE CADDESİ NO:30 41455 DİLOVASI, KOCAELİ, TÜRKİYE
- Requirements** : **EN 10080:2005**  
This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard(s)

In compliance with Regulation 93/68/EEC of the European Parliament and of the Council of 22 July 1993, this certificate applies to the Steel for the reinforcement of concrete

This certificate is issued having performed actions prescribed for system 1+ and confirms that the product complies with requirements set out in this certificate.

- Report Number** : CAS-TAT-00241
- Date of issue** : 19.11.2025
- Valid until** : 18.11.2028 (with annually audits)
- Granted to** : **DİLER DEMİR ÇELİK ENDÜSTRİ VE TİCARET A.Ş.**  
DOSB 1. KISIM DİCLE CADDESİ NO:30 41455 DİLOVASI, KOCAELİ, TÜRKİYE

**İstanbul, TURKEY, 19.11.2025**

**Ali Osman ÖZVEREN**  
On behalf of TÜV AUSTRIA TURK  
  


# ANNEX 1

Issued 19.11.2025

Certificate No: CAS-TAT-00241

**TÜV**  
AUSTRIA

**Product** : Steel for the reinforcement of weldable, ribbed, hot rolled reinforcing steel

**Type** : Grade B 500B and Grade B 500C  
Ø8, 10, 12, 14, 16, 18, 20, 22, 24, 25, 26, 28, 30, 32, 36, 40 mm.

Essential characteristics and performances		
Essential characteristic	Test method	Performance
Elongation $A_{gt}$ (characteristic value), %:	EN ISO 15630-1:2019	5.0 7.5
Weldability (product analysis), %: - carbon equivalent, $C_{eq}$ - limitations on the content of certain elements	EN 10080:2005 spectrometric methods	$\leq 0,52$ Pass
Tolerances	EN ISO 15630-1:2019	Pass
Bendability	EN ISO 15630-1:2019	Pass
Bond strength and surface geometry	EN ISO 15630-1:2019	Pass
Surface geometry of ribbed steel	EN ISO 15630-1:2019	Pass
Stress ratio $R_m / R_e$ (characteristic value)	EN ISO 15630-1:2019	1.08 $\geq 1,15, < 1,35$
Tensile yield strength $R_e$ , MPa (characteristic value)	EN ISO 15630-1:2019	500 650
Fatigue, number of cycles	EN ISO 15630-1:2019	NPD
Durability (product analysis), %: - Carbon, C - Sulphur, S - Phosphorus, P - Nitrogen, N - Copper, Cu - carbon equivalent, $C_{eq}$ :	- spectrometric methods - spectrometric methods - spectrometric methods - method of reduction melting - spectrometric methods - EN 10080:2005	$\leq 0,24$ $\leq 0,055$ $\leq 0,055$ $\leq 0,014$ $\leq 0,85$ $\leq 0,52$

İstanbul, TURKEY, 19.11.2025

Ali Osman ÖZVEREN  
On behalf of TÜV AUSTRIA TURK

