

- Unique identification code of the product-type:** HOT ROLLED PRODUCTS OF STRUCTURAL STEEL  
(Equal Angles, UPN Channels, IPN, IPE Beams (IPE A, IPE AA, IPE AAA, IPE AAAA, HE A Beams, HE B Beams), T-Bars, Flat Bars, Square Bars, Round Bars)
- Type of the construction product as required:** Sections made from non alloyed constructional steel quality pursuant to EN 10025-2:2019, see product label  
S235JR, S235J0, S235J2, S275JR, S275J0, S275J2, S355JR, S355J0, S355J2

The Products in the form of:	Sizes (mm):
Hot Rolled Steel Equal Angles (EN10056)	19x19 up to 150x150mm wall thickness: from 2 up to 20mm
Hot Rolled Steel UPN Channels (EN10279)	30x15 up to 300x100mm wall thickness: from 2,9 up to 10mm
Hot Rolled Steel IPE Beams (EN10034)	80x46 up to 300x150mm wall thickness: from 2,9 up to 7,1mm
Hot Rolled Steel T -Bars (EN10055)	25x25 up to 50x50mm wall thickness: from 2,7 up to 6mm
Hot Rolled Steel Flat Bars (EN10058)	10 up to 150mm wall thickness: from 2 up to 50 mm
Hot Rolled Steel Square Bars (EN10059)	6x6 up to 60x60 mm
Hot Rolled Steel Round Bars (EN10060)	Ø 3 up to 75 mm
Hot Rolled Steel IPN (EN10024)	80x42 up to 260x113 mm wall thickness: from 3,9 up to 9,4 mm


- Intended use as foreseen by the manufacturer:** Construction works.
- Name of the manufacturer:** Kardemir Çelik Sanayi A.Ş.  
**Contact and Production Address:** Yeni Foça Yolu Üzeri 19.Cad. No:3 Bozköy Aliağa-İzmir-Turkey  
**Tel :** +90-232-625 19 40 , +90 232 625 22 22, +90 232 625 19 85 , **Fax:** +90 232 625 19 42  
**Web :** www.kar-demir.com.tr
- Authorized person:** ERSIN NADI PEK
- System of assessment and verification of constancy of performance of the construction product as set out:** EN 10025-1:2004, Annex ZA, System 2 +
- In case of the declaration of performance concerning a construction product covered by a harmonised standard: EN 10025-2:2019** EU – Notified body no: **2195-CPR-1405603** -Szutest Uygunluk Değerlendirme A.Ş., has performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control. This certificate attests that all provisions concerning the attestation of factory production control described in the Annex ZA of the Standard EN 10025-1:2004 were applied.
- European Technical evaluation:** Not relevant.
- Declared performance:**

Essential characteristics	Steel Grades	Minimum yield strength ReH (Mpa) (t ≤ 16mm)	Tensile strength Rm (Mpa) (t < 3 mm)	Tensile strength Rm (Mpa) (3 ≤ t ≤ 100 mm)	Tensile strength Rm (Mpa) (3 ≤ t ≤ 100 mm)	% Minimum percentage elon. L0=5,65√s0 (min)	Harmonised technical specifications	impact strength		
								Temperature (°C)	(≤ 150mm) Minimum Energy (J)	
Performances	S235JR	235	360-510	360-510	360-510	26	Quality according to EN 10025-2:2019	20	For nominal thicknesses ≤ 12mm see 7.3.2.1 of EN10025-1:2004	
	S235J0							0		27
	S235J2							-20		
	S275JR	275	430-580	410-560	410-560	23		20		
	S275J0							0		27
	S275J2							-20		
	S355JR	355	510-680	470-630	470-630	22		Quality according to EN 10025-2:2019		20
	S355J0									0
S355J2	-20									

- The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

The products manufactured at our mill are hot rolled products of low alloy structural steels and can be recycled. However they are indeed biodegradable in the form of iron oxide, but after a longer span of time. Merchant products can be recycled by the steel makers. In our productions, steel billets with 97% min. iron ores and less than 3% other ores is used." KARDEMİR Çelik Sanayi A.Ş." has successfully passed the certification audit for compliance with the requirements of DIN EN ISO 14001:2015.

According to the results of the audit the certificate no: EMS 1019 008641

Signed for and on behalf of the manufacturer by: Person Name:	Position:		Date:
ERSIN NADI PEK	QUALITY MANAGER		25/02/2022