

- Unique identification code of the product-type:  
**1.0038**
- Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):  
**Sections/Bars S 235 JR**
- Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:  
**To be used in fabricated, welded, bolted and riveted structures**
- Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):  
**Özkan Demir Çelik Sanayi A.Ş.  
Bozköy Köyü 13. Cadde No:4  
Aliağa / İzmir  
TURKEY**
- Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):  
**Non applicable**
- System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 2+**
- In case of the declaration of performance concerning a construction product covered by a harmonised standard:  
**Lloyd's Register Verification Limited, notified body No: 0038 has performed the initial inspection of the manufacturing plant and of factory production control as well as the continuous surveillance, assessment and evaluation of factory production control under system 2+ and issued a certificate of conformity of the factory production control with no 0038/CPD/IST1160095/A, issued on 11th April 2011**
- In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:  
**Non applicable**
- Declared Performance :

Essential Characteristics	Performance							Harmonised Technical Specification	
Tolerances on dimensions and shape	Standard		Description			Thickness mm (max)			
	EN 10056-1 / EN 10056-2		Equal & Unequal Leg Angles			35			
	EN 10058		Flats			150			
	EN 10059		Squares			100			
	EN 10060		Rounds			150			
	EN 10067		Bulb Flats			35			
	EN 10279		Channels			35			
	EN 10034		I - H Sections			35			
DIN 59200 / EU 91-81 / ISO 9034		Wide Flats			150				
Nominal Thickness (mm)		t ≤ 16	> 16 ≤ 40	> 40 ≤ 63	> 63 ≤ 80	> 80 ≤ 100	> 100 ≤ 150	EN 10025-1:2004 EN 10025-2:2004	
Yield Strength min (N/mm <sup>2</sup> )		235	225	215	215	215	195		
Tensile Strength (N/mm <sup>2</sup> )		360 510	360 510	360 510	360 510	360 510	350 500		
Elongation min (%)		26	26	25	24	24	22		
Impact Strength min (Joule)		27 ( at 20 °C )							
Weldability (Chemical composition)	CEV % Max.		0,35 ( up to 40mm ) 0,38 ( up to 150mm )						
Durability (Chemical composition) % max	C <sub>max</sub> ( nom. Thickness in mm)			Si <sub>max</sub>	Mn <sub>max</sub>	P <sub>max</sub>	S <sub>max</sub>	N <sub>max</sub>	Cu <sub>max</sub>
	t ≤ 16	> 16 ≤ 40	> 40 ≤ 63						
	0,19	0,19	0,19	-	1,50	0,045	0,045	0,014	0,60

- 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.

Signed for and on behalf of the manufacturer by:

Mr. Ertuğrul TURFAN  
Quality Assurance Manager  
İzmir, 31 November 2013