



# Declaration of Performance

( DoP according to CPR 305/2011 )

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1. Unique identification code of the product-type:  
1.0038

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):  
Hot rolled Sections / Bars S235JR

3. 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

4. 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 - TÜRKİYE

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):  
Non applicable

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
System 2+

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:  
TSE, Turkish Standards Institution, notified body no: 1783 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 621, issue on 03rd July 2017.

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:  
Non applicable

9. 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				250							
	EN 10059			Squares				250							
	EN 10060			Rounds				300							
	EN 10067			Bulb Flats				35							
	EN 10279			Channels				35							
	EN 10034			I - H Sections				35							
DIN 59200 / EU 91-81 / ISO 9034			Wide Flats				250								
Nominal Thickness (mm)	t ≤ 16	> 16 ≤ 40	> 40 ≤ 63	> 63 ≤ 80	> 80 ≤ 100	> 100 ≤ 150	> 150 ≤ 200	> 200 ≤ 250	> 250 ≤ 300	EN 10025-1:2004 EN 10025-2:2004					
Yield Strength min (N/mm <sup>2</sup> )	235	225	215		195	185	175								
Tensile Strength (N/mm <sup>2</sup> )	360 510			350 500		340 490									
Elongation min (%)	26		25	24		22	21								
Impact Strength (Longitudinal) & (at +20 °C) min (Joule)	27														
Weldability (Chemical composition)	CEV % Max.			0,35 ( up to 40mm ) 0,38 ( up to 150mm ) 0,40 ( up to 300mm )											
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												
Regulated substance	In compliance with REACH.														

10. 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:

Burçin Nail BURAL  
Quality Assurance Manager  
İzmir, 03rd July 2017

ÖZKAN