



**Declaration of Performance**

**DOP cert number: Demuk 001**

**1. Product Name and Identification Code:**

Hot rolled products of structural steels, EN 10025-1:2004  
Types S235/S275/S355,  
Grades JR/JO/J2

**2. Name and Manufactures Address:**

Demirsan Haddecilik San.ve Tic. A.Ş  
Rıhtım Cad.Nemlizade Sk.Baysal Ap.No:2 Kat:4  
34716 Kadıköy/İstanbul  
Phone:+90(216)345 24 95-346 06 38-345 47 98-346 36 94  
Fax:+90(216)330 18 88-336 79 93  
www.demirsan.org

**3. Intended Use:**

To be used in fabricated, bolted and riveted structures

**4. System of assesment**

Level 2+

**5. Notified body**

Notified Body 2344, b&a Certification

Assessment and evaluation of factory production control for Level 2+  
Certificate of Factory Production Control certificate 2344-RDB-0003 AOC,  
issued on 28th January 2013

The performance of product identified in point 1 are in line with the  
performance declared in point 6

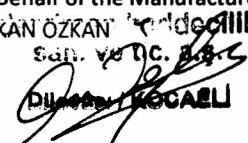
This declaration of performance is issued under the sole responsibility of  
the manufacturer indicated in point 2

PRODUCTION PLANNING,  
QUALITY GUARANTEE MANAGER

ERKAN Ö  
  
Demirsan Haddecilik  
San. ve tic. a.ş.  
Dilovası / KOCAELİ

6.Declared Performance

Essential Characteristics	Performance				Harmonised Technical Specification				
Dimensions and Shape Tolerances	EN 10056-1	Equal and unequal Angles			En 10025-1:2004				
	EN 10034	I and H Sections							
	EN 10279	Channels							
Elongation(%)	Type and Grade	Normal Thickness(mm)							
		≤40							
	S235JR/JO	26							
	S275JR/JO	23							
Tensile Strength (Mpa)	Type and Grade	Normal Thickness(mm)							
		≤100							
	S235JR/JO	360 to 510							
	S275JR/JO	410 to 560							
Yield Strength (Mpa)	Type and Grade	Normal Thickness(mm)							
		≤16	>16≤40						
	S235JR/JO	235	225						
	S275JR/JO	275	265						
Impact Strength (J)	Type and Grade	Temperature°C	Normal Thickness(mm)						
			≤150						
	S235/S275/355 JR	20	27						
	S235/S275/355 JO	0	27						
Weldability (Chemical composition )	Type and Grade	CEV% Max							
		Normal Thickness(mm)≤40							
	S235JR/JO	0,35							
	S275JR/JO	0,40							
Durability (Chemical composition )	Type and Grade	C% Max		Si% Max	Mn% Max	P%Max	S%Max	N%Max	Cu% Max
		≤16mm	<16≤40						
	S235JR	0,19	0,19	-	1,5	0,045	0,045	0,014	0,60
	S235JO	0,19	0,19	-	1,5	0,040	0,040	0,014	0,60
	S275JR	0,24	0,24	-	1,6	0,045	0,045	0,014	0,60
	S275JO	0,21	0,21	-	1,6	0,040	0,040	0,014	0,60
	S355JR	0,27	0,27	-	1,7	0,045	0,045	0,014	0,60
	S355JO	0,23	0,23	0,6	1,7	0,040	0,040	0,014	0,60
	S355JR	0,23	0,23	0,6	1,7	0,035	0,035	-	0,60

Signed For and on Behalf of the Manufacturer  
**ARKAN ÖZKAN** *Yönetim Kurulu Başkanı*  
 Saha Yolu Üç. B.Ş.Ş.  
  
**DIĞER KOCABİLİ**