



**IGM Trade Ilija I dr. D.O.O**

**DECLARATION OF PERFORMANCE**

**№ 01 CPR 2024-05-29**

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

**Cold formed:**

- **Circular hollow section ( $\phi$ 16 to  $\phi$ 324)**
- **Square hollow section (13x13 to 260x260)**
- **Rectangular hollow section (30x10 to 300x200)**

2. *Intended uses:*

**Cold formed steel hollow sections for building and civil engineering**

3. *Manufacturer:*

**IGM Trade Ilija I dr. D.O.O**

**Industruska 2,  
1430 KAVADARCI  
N. MACEDONIA**

**e-mail: [info@igmtrade.com](mailto:info@igmtrade.com)**

**Tel +389 43 414 500**

**Fax +389 43 411 540**

4. *Authorised representative:*

**NA**

5. *System or systems of assessment and verification of constancy of performance of the construction product:*

**System 2+**

6. *Harmonized standard:*

**EN 10219-1:2006**

*Notified body:*

"Dedal – A&C" , Ltd. – Nesebar No 1922 , performed the initial inspection of the manufacturing plant and of factory production control and continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control 1922-CPR-0180 on 27 May 2024.

7. Declared performance:

Essential characteristics	Performance							Harmonised technical specification
Tolerances on dimensions and shape	Conform to:				EN10219-2			EN 10219-1:2006
Minimum elongation (A)	Specified thickness							
	Steel name	≤ 40						
	S235JRH	24% *						
	S275J0H S275J2H	20% **						
	S355J0H S355J2H	20% **						
(*) For thicknesses > 3mm and section sizes D/T<15 (round) and (B+H)/2T<12.5 (square and rectangular) the minimum elongation is reduced by 2. For thicknesses ≤3mm the minimum value for elongation is 17%.								
(**) For section sizes D/T<15 (circular) and (B+H)/2T<12.5 (square and rectangular) the minimum elongation is reduced by 2.								
Minimum yielded strength ReH  MPa	Specified thickness							
	Steel name	≤16			> 16 ≤ 40			
	S235JRH	235			225			
	S275J0H S275J2H	275			265			
	S355J0H S355J2H	355			345			
Tensile strength Rm  MPa	Specified thickness							
	Steel name	< 3			≥ 3 ≤ 40			
	S235JRH	360-510			360-510			
	S275J0H S275J2H	430-580			410-560			
	S355J0H S355J2H	510-580			470-630			
Minimum impact strength *  J  (* ) impact test are not required for specified thickness < 6mm	At test temperature of							
	Steel name	-20 °C		0 °C		20 °C		
	S235JRH	-		-		27		
	S275J0H S275J2H	-		27		-		
	S355J0H S355J2H	27		-		-		
	S355J0H S355J2H	-		27		-		
	S355J0H S355J2H	27		-		-		
Weld ability	Chemical composition Cast analysis for product % by mass, maximum							
	Steel name	C	Si	Mn	P	S	N <sup>b</sup>	max. CEV (%)
	S235JRH	0.17	-	1.4	0.04	0.04	0.009	0.35
	S275J0H S275J2H	0.2	-	1.5	0.035	0.035	0.009	0.40
	S355J0H S355J2H	0.22	0.55	1.6	0.35	0.035	0.009	0.45
	S355J0H S355J2H	0.22	0.55	1.6	0.03	0.03	-	

The performance of the products identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

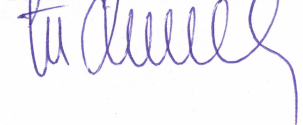
Mech.Eng. Daniela Mincorov  
Head of Quality Control



Tihomir Dimov

The manager of the company

“IGM – TRADE” – Kavadarci



Kavadarci, 29.05.2024

