



IGM Trade Ilija I dr. D.O.O

DECLARATION OF PERFORMANCE

№ 01 CPR 2026-04-24

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

Cold formed:

- **Circular hollow section (ϕ 16 to ϕ 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:*

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1430 KAVADARCI
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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 22 April 2026.

7. Declared performance:

Essential characteristics	Performance		Harmonised technical specification																																																															
Tolerances on dimensions and shape	Conform to:	EN10219-2:2019																																																																
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Minimum elongation (A)	Steel name		Specified thickness					
	S235JRH		≤ 40					
	S275J0H		24% *					
	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	Steel name		Specified thickness					
	S235JRH		≤16	> 16 ≤ 40				
	S275J0H S275J2H		235	225				
	S355J0H S355J2H		275	265				
			355	345				
Tensile strength Rm MPa	Steel name		Specified thickness					
	S235JRH		< 3	≥ 3 ≤ 40				
	S275J0H S275J2H		360-510	360-510				
	S355J0H S355J2H		430-580	410-560				
			510-580	470-630				
Minimum impact strength * J (* impact test are not required for specified thickness < 6mm)	Steel name		At test temperature of					
	S235JRH		-20 °C	0 °C	20 °C			
	S275J0H		-	-	27			
	S275J2H		27	27	-			
	S355J0H S355J2H		-	27	-			
		27	-	-				
Weld ability	Chemical composition Cast analysis for product % by mass, maximum							
	Steel name	C	Si	Mn	P	S	N ^b	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
	0.22	0.55	1.6	0.03	0.03	-		
Durability	NPD							

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. Danielka Mincorov
Head of Quality Control

Tihomir Dimov
The manager of the company
"IGM - TRADE" - Kavadarci

Kavadarci, 24.04.2026