



## DECLARATION OF PERFORMANCE

№.002-CPR-OP03-00.02 / 27.04.2018

1.Unique identification code of the product-type:	Cold formed welded structural steel hollow sections CFRHS-EN 10219-square 15x15÷100x100mm; thickness 1.5÷4mm
2.Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer	To be used in metal structures or in composite metal and concrete structures
3.Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):	<b>“MEGAPROFIL IG” LTD</b> Bulgaria, Rousse, East Industrial Area
4. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):	Not applicable
5.System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in Annex V:	System 2+
6a. In case of the declaration of performance concerning a construction product covered by a harmonised standard: Notified body:	EN 10219-1 Institute of Mechanics –BAS, Identification №1938 in the register of the European commission performed: Certificate.№ 1938-CPR-0284/06.11.2017
6b. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:	Not Applicable

### 7. Declared Performance

Essential characteristics	Performance	Harmonized technical specification
Tolerance on Dimensions and shape	Clause 6; EN 10219-2 <b>Pass</b>	EN 10219-1
Elongation [%]	Clause 6.7.1; Tabl.A.3 Specified thickness: ≤3mm-Min 17; >3mm-Min 24;	
Tensile strenght $R_m$ [MPa]	Tabl.A.3 min 360	
Yield strenght $R_{eH}$ [MPa]	Min 235	
Impact strenght [J]	NPD	
Weldability (chemical composition)	CEV Tabl.A.1;tabl.A.2	
Durability in terms of corrosion *	Declaration from the producer	

\* When required in the application.

The performance of the product 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:

Manager  
/eng. Maya Petrova/



**Information for ecology and safety (REACH)**

The products are ironware within the meaning of Article 3 of the EU regulation №1907/2006 REACH. The products do not contain substances that can be released from the ironware under normal conditions of use foreseen.

1. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer.	To be used in metal structures or in composite metal and concrete structures
2. Name, registered trade name or registered trade mark, and contact address of the manufacturer as notified pursuant to Article 10 of the Regulation.	MEGAPROFIL GY LTD Bulgaria, Rousse, East Industrial Area
3. Name, registered trade name and contact address of the manufacturer as notified pursuant to Article 10 of the Regulation.	Not applicable
4. Name of the notified body and contact address of the notified body.	System
5. Reference to the harmonized technical specification of performance, including a construction product covered by a harmonized standard.	EN 10219-1 Institute of Mechanics - BAS, Identification №1938 in the register of the European Commission performed Certificate № 1938-CPR-0234/06 J1, 2017
6. In case of the declaration of performance regarding a construction product for which a Technical Assessment has been issued.	Not Applicable

Declared Performance Essential characteristics	Performance	Harmonized technical specification
Dimension or Dimensions and shape	Clause 6; EN 10219-2 Pass	EN 10219-1
Elevation [N]	Clause 6, 7.1; Tabl. A.3 Specified thickness: >3mm - Min 17; >5mm - Min 24	
Tensile strength $R_m$ [MPa]	Tabl. A.3 min 360	
Yield strength $R_{eH}$ [MPa]	Min 235	
Impact strength [J]	NPD	
Weldability	CEV	
Corrosion resistance (chemical resistance)	Tabl. A.1, tabl. A.2	
Durability in terms of corrosion *	Declaration from the producer	

\* When required in the application.

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