

DECLARATION OF PERFORMANCE
No.CPR- OP03-PR4- 01.07.2013 r

1. Identification code of the product type:

Cold formed welded structural hollow sections of non-alloy structural steel;
CFCHS S235JRH (round) or CFRHS S235JRH (square or rectangular)

2. Product type:

Round pipes Type O16 ÷ O114,3 mm with 1,5 ÷ 4mm wall thickness;
Square pipes Type 15x15 ÷ 100x100 mm with 1,5 ÷ 4mm wall thickness;
Rectangle pipes Type 20x10 ÷ 120x80mm with 1,5 ÷ 4mm wall thickness;

3. Intended use

Cold formed welded structural hollow sections of non-alloy structural steel without subsequent heat treatment of shapes, dimensions and tolerances in accordance with БДС EN 10219-2, for metal structures and combined steel and reinforced concrete structures

4. Name, registered trade name or registered trademark and contact address of the manufacturer:

Megaprofil IG Ltd., factory in East Industrial Area, Ruse,

5. Not applicable

6. System of assessment and verification of constancy of performance of the construction product as set out in EU-regulation No. 305/2011, annex V –

System 2+.

7. Notified body

The Institute of Mechanics - BAS, Akad. Bonchev Str., block 4, Sofia, identification No. NB 1938 of the EC's register, carried out:

- 1) initial inspection of the factory and the factory production control;
- 2) continuous surveillance, judgment and assessment of the factory production control and issued certificate of factory production control No. 1938-CPD-0124/01.07.2013.

8. Not applicable

9. Declaration of performance

Essential characteristics	Performance	Harmonized technical specification
Tolerances on dimensions and shape	In accordance with (БДС EN 10219 – 2)	БДС EN 10219–1:2006
Minimum elongation /A%/	Thickness:(mm), t≤16 24 % (S235JRH) 20% (S275J0H, S275J2H) 20% (S355J0H, S355J2H)	
Tensile strength /Rm/ (MPa)	Thickness:(mm), t<3 Thickness:(mm), t ≥3≤40 360-510 (S235JRH) 360-510 (S235JRH) 430-580 (S275J0H, S275J2H) 410-560 (S275J0H, S275J2H) 510-680 (S355J0H, S355J2H) 470-630 (S355J0H, S355J2H)	
Minimum yield strength /ReH/ (MPa)	Thickness:(mm), t≤16 min 235 Mpa (S235JRH) min 275 Mpa (S275J0H, S275J2H) min 355 Mpa (S355J0H, S355J2H)	
Impact strength	NPD	
Weldability	CEV for nominal thickness ≤ 40 ≤0,35 (S235JRH) ≤0,40 (S275J0H, S275J2H) ≤ 0,45 (S355J0H, S355J2H)	
Durability in terms of corrosion* (chemical composition)	Manufacturer's declaration	

NPD – the index shall not be determined

* When and where requested

10. Declaration

The performance of the product, referred to in clauses 1 and 2, correspond to the performance declared in clause 9.
This declaration of performance is issued under the sole responsibility of the manufacturer specified in clause 4.
Signed for and on behalf of the manufacturer by: Eng. Maya Petrova - Manager



Ruse, 01.07.2013



Manager:

Environmental and safety information (REACH)

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