



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

**DECLARATION OF PERFORMANCE**

**№ 01 CPR 2013-07-01**

1. Unique identification code of the product-type: **Cold formed welded structural hollow section of non alloy steel –S235 JRH Un winded length: 50mm to 1050mm; thickness 1 to 12 mm.**

2.Type, batch or serial number or any other element allowing identification of the construction product: **in accordance to the certificate that is supplied with the appropriate material.**

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

**For building and civil engineering**

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

IGM TRADE Ilija I dr. D.O.O

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1430 KAVADARCI

MACEDONIA

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Tel +389 43 414 500

Fax +389 43 411 540

5. System or systems of assessment and verification of constancy of performance of the construction product: **System 2+**

6. Harmonized standard: **EN 10219-2:2006**

**"Dedal – A&C" , Ltd. – Nesebar NB 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-CPD-0180 on 19 March 2013**

7. Declared performance

Essential characteristics	Performance	Harmonised technical specification																			
Tolerances on dimensions and shape	EN 10219-2- correspond	EN 10219-1																			
Elongation, %	<table border="1"> <thead> <tr> <th colspan="2">Specified thickness, mm</th> </tr> </thead> <tbody> <tr> <td>&gt; 3</td> <td>≤ 3</td> </tr> <tr> <td>24</td> <td>17</td> </tr> </tbody> </table> <p>Correspond</p>		Specified thickness, mm		> 3	≤ 3	24	17													
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Yield strength, MPa	<table border="1"> <thead> <tr> <th colspan="2">Specified thickness, mm</th> </tr> </thead> <tbody> <tr> <td>&lt; 16</td> <td>≥ 16 ≤ 40</td> </tr> <tr> <td>≥ 235</td> <td>≥ 225</td> </tr> </tbody> </table> <p>Correspond</p>	Specified thickness, mm		< 16	≥ 16 ≤ 40	≥ 235	≥ 225														
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Weld ability	<table border="1"> <thead> <tr> <th colspan="6">Chemical composition Cast analysis for product % by mass</th> </tr> <tr> <th>C</th> <th>Si</th> <th>Mn</th> <th>P</th> <th>S</th> <th>N</th> </tr> </thead> <tbody> <tr> <td>0,17</td> <td>-</td> <td>1,40</td> <td>0,040</td> <td>0,040</td> <td>0,009</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Maximum carbon equivalent (CEV), based on cast analysis</th> </tr> </thead> <tbody> <tr> <td>0,35</td> </tr> </tbody> </table> <p>Correspond</p>	Chemical composition Cast analysis for product % by mass						C	Si	Mn	P	S	N	0,17	-	1,40	0,040	0,040	0,009	Maximum carbon equivalent (CEV), based on cast analysis	0,35
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Impact strength	NPD																				

8. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

**Signed for and on behalf of the manufacturer by:**

Kavadarci, 01.07.2013



Mr. Ilija Gecev  
The manager of the company  
"IGM – TRADE" – Kavadarci