

<b>DECLARATION OF PERFORMANCE</b>		
<b>NR C3007</b>		
<b>Rev. 3</b>		
Unique identification code of the product type	<b>S235JRH</b>	
Intended destiny	Metal structures or composite metal and concrete structures	
Manufacturer (registered office)	<b>Marcegaglia Poland Sp.oz.o.</b> Ul. Kaliska 72, 46-320 Praszka - Poland	
Production Plant	<b>Ligota Dolna</b> Ul. Przemysłowa 1, 46-320 Kluczbork - Poland	
System (-s) of assessment and verification of the constancy of performance	<b>2+</b>	
Harmonised specification	<b>EN 10219-1:2006</b>	
Notified Body (-s)	RINA Service S.p.A. – Via Corsica, 12 – 16128 Genova - Italia <b>0474</b>	
Certificates of Conformity for the control of the plant production have been issued for the following elements: <ul style="list-style-type: none"> <li>initial inspection of the production plant and of the factory production control.</li> <li>surveillance, evaluation and regular audits of the factory production control.</li> </ul>		
<b>DECLARED PERFORMANCE</b>		
Principal features	Performance	Harmonised specification
Dimensional Tolerances	As per EN 10219-2:2006	EN 10219-1:2006
Elongation	As per Table 1	
Tensile strength		
Yield strength		
Impact strength		
Durability (depending on the protection method and/or thickness of the protective coating)	Possibility for hot-dip galvanizing by specifying option 1.4 at the ordering time	
Weldability (CEV)	0.35% max	
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.		

Table 1 – Mechanical properties								
Steel grade		Minimum yield strength R <sub>eH</sub>	Tensile strength R <sub>m</sub>		Minimum elongation % <sup>(c)</sup>	Minimum impact energy		
Steel name	Steel number	[MPa]	[MPa]		Lo=5.65√So	KV in J <sup>(d)</sup>		
		Nominal thickness in mm					Test temperature	impact energy
		≤ 16	< 3	≥ 3 ≤ 40	≤ 40			
<b>S235JRH<sup>(a)</sup></b>	<b>1.0039</b>	235	360+510	360+510	24 <sup>(b)</sup>	20°	27	
a. Impact properties are verified only when option 1.3 is specified in the Order. b. See below exceptions: <ul style="list-style-type: none"> <li><input type="checkbox"/> For thickness &gt; 3 mm and D/T section sizes &lt; 15 (round) and (B+H)/2T &lt; 12,5 (square and rectangular) the minimum elongation is reduced by 2.</li> <li><input type="checkbox"/> For thickness ≤ 3,0 mm the minimum value for elongation is 17%</li> </ul> c. For thickness < 3,0 mm the percentage elongation may be reported for a length of 80 mm or 50 mm d. Impact test, when applicable or required, shall be carried out in accordance with EN10219-1. Impact test are not required for nominal thickness < 6 mm.								

Signed for and on behalf of Marcegaglia Poland Sp.oz.o:

*Filippo Nicoli*  
 Plant Director  
 16.12.2016

Ligota Dolna,

This declaration of performance is valid only in presence of the product identification label and delivery document or of the inspection certificate issued at the delivery.