

<b>DECLARATION OF PERFORMANCE</b>	
<b>NR C3017</b>	
<b>Rew. 5</b>	
Unique identification code of the product type	<b>S355JR</b>
Intended use/es	Metal structures or composite metal and concrete structures
Manufacturer (registered office)	<b>Marcegaglia Poland Sp. z o.o.</b> Ul. Kaliska 72, 46-320 Praszka - Poland
Production Plant	<b>Ligota Dolna</b> Ul. Przemysłowa 1, 46-200 Kluczbork - Poland
System (-s) of assessment and verification of the constancy of performance	<b>2+</b>
Harmonized specification	<b>EN 10025-1:2004</b>
Notified Body (-s)	RINA Service S.p.A. – Via Corsica, 12 – 16128 Genova - Italia <b>0474</b>
UK Approved body and ID No	CARES - Pembroke House, 21 Pembroke Road Sevenoaks, Kent, TN13 1XR <b>1244</b>

Certificates of Conformity for the control of the plant production have been issued for the following elements:

- initial inspection of the production plant and of the factory production control.
- surveillance, evaluation and regular audits of the factory production control.

<b>DECLARED PERFORMANCE</b>		
Main Features	Performance	Harmonized Technical Specification
Dimensional Tolerances	EN10051:2010	EN10025-1:2004
Elongation	EN10025-2:2019	
Tensile strength		
Yield strength		
Impact strength		
Weldability (CEV)		
Durability	Possibility for hot-dip galvanizing by specifying option 5 at the ordering time	

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.

This responsibility statement is issued in accordance with Construction Products Regulation 2011 (retained EU law EUR 305/2011) as amended by the Construction Products (Amendment etc.) (EU Exit) Regulations 2019 and the Construction Products (Amendment etc.) (EU Exit) Regulations 2020, under the sole responsibility of the manufacturer identified above.

**TABLE 1 - MECHANICAL CHARACTERISTICS**

Mechanical properties for steel grades quality groups with impact strength values specified

STEEL GRADE	ReH <sup>(a)</sup> MPa <sup>(b)</sup> Min	Rm <sup>(a)</sup> MPa <sup>(b)</sup>		Min. Percentage elongation after break % <sup>(a)</sup>							Impact strength KV		
				Lo = 80 (mm)							Lo = 5,65√So	Temp. (°C)	Min energy (J)
				Nominal Thickness (mm)									
				≤ 16	< 3	≥ 3 ≤ 100 <sup>(a)</sup>	≤ 1	> 1 ≤ 1,5	> 1,5 ≤ 2	> 2 ≤ 2,5	> 2,5 < 3	≥ 3 ≤ 40	> 6 ≤ 150
S355JR	355	510 ÷ 680	470 ÷ 630	l	14	15	16	17	18	22	20	27	
				t	12	13	14	15	16	20			

a) For sheets and strips ≥ 600 mm wide, these values relate to samples taken in a direction transverse (t) to the rolling direction. For all other products, the values for samples taken in parallel (l) to rolling direction are applied

b) MPa = 1N/mm<sup>2</sup>

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

  
**Filippo Nicoli**  
 Marcegaglia Poland Sp. z o.o. Director

Ligota Dolna, 18.01.2023

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.