

DECLARATION OF PERFORMANCE	
NR C3017	
Rew. 5	
Unique identification code of the product type	S355JR
Intended use/es	Metal structures or composite metal and concrete structures
Manufacturer (registered office)	Marcegaglia Poland Sp.zo.o. Ul. Kaliska 72, 46-320 Praszka – Poland
Production Plant	Ligota Dolna Ul. Przemysłowa 1, 46-200 Kluczbork – Poland
System (-s) of assessment and verification of the constancy of performance	2+
Harmonized specification	EN 10025-1:2004
Notified Body (-s)	RINA Service S.p.A. – Via Corsica, 12 – 16128 Genova - Italia 0474

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.

Performance, Evaluation and regular audits of the factory production control.

DECLARED PERFORMANCE		
Main Features	Performance	Harmonized Technical Specification
Dimensional Tolerances	EN10051:2024	EN10025-1:2004
Elongation	EN10025-2:2019	
Tensile strength		
Yield strength		
Impact strength		
Weldability (CEV)	0,45% max.	
Durability	N.P.D. - 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 performances. 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 CHARACTERISTICS												
Mechanical properties for steel grades quality groups with impact strength values specified												
STEEL GRADE	ReH ^(a) MPa ^(b) Min	Rm ^(a) MPa ^(b)		Min. Percentage elongation after break % ^(a)							Impact strength KV	
				L o = 80 (mm)					L o = 5,65√So	Temp. (°C)	Min energy (J)	
			Nominal Thickness (mm)									
	≤ 16	< 3	≥ 3 ≤ 100	^(a)	≤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/mm2												

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

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

Ligota Dolna, 13.10.2025

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.