



METINVEST

Declaration of Performance

Spartan UK Ltd

Declaration of Performance

(According to Annex III of EU Regulation No. 305/2011 and amended per EU Regulation No. 574/2014)

DOP/2018/S235JR

1. Unique identification code of the product-type:

DOP/2018/S235JR

2. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification:

Hot-rolled plates from structural steels accordant to the regulations of EN10025-2, -3, -5

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

**Spartan UK Ltd
Ropery Road, Teams, Gateshead, Tyne and Wear, NE8 2RD, United Kingdom
Tel. : +44 (0) 191 4604245
E-mail: gary.robinson@spartanuk.co.uk**

4. Name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12 (2):

Not applicable

5. System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in Annex V to Regulation (EU) No. 305/2011:

System 2+

6. In case of the declaration of performance concerning a construction product covered by a harmonized standard:

**Hot rolled plates from structural steels with strength level S235 up to S460 according to DIN EN 10025-2,-3,-5
Notified factory production control certification body TUV NORD Systems Gmbh & Co. KG No. 0045**

**Große Bahnstraße 31
D-22525 Hamburg
Germany**

Certificate No: 0045-CPR-0950 dated 01.09.2015



7 Declared performance

Essential Characteristic	Performance		Harmonised Technical Specification
Yield Strength	Nominal thickness (mm)	Values (MPa) Min	EN 10025-1 (2004)
	≤ 16	235	
	> 16 ≤ 40	225	
	> 40 ≤ 63	215	
	> 63 ≤ 80	215	
	> 80 ≤ 100	215	
	> 100 ≤ 150	195	
	> 150 ≤ 200	185	
	> 200 ≤ 250	175	
Tensile Strength	Nominal thickness (mm)	Values (MPa)	EN 10025-1 (2004)
	≥ 3 ≤ 100	360 to 510	
	> 100 ≤ 150	350 to 500	
	> 150 ≤ 250	340 to 490	
Elongation	Nominal thickness (mm)	Values (%) Min	EN 10025-1 (2004)
	> 3 ≤ 40	24	
	> 40 ≤ 63	23	
	> 63 ≤ 100	22	
	> 100 ≤ 150	22	
	> 150 ≤ 250	21	
⁽¹⁾ Impact strength for longitudinal test specimens KV at 20°C	Nominal thickness (mm)	Values (J)	EN 10025-1 (2004)
	≤ 150	min 27	
	> 150 ≤ 250	min 27	

⁽¹⁾ The impact properties of quality JR products are verified only when specified at the time of the order

Chemical composition of the ladle analysis

	C in % max. for nominal product thickness in mm			Si % max.	Mn % max.	P % max.	S % max.	N % max.	Cu % max.	Other % max.
	≤ 16	> 16 ≤ 40	> 40							
S235JR	0.17	0.17	0.20	-	1.40	0.035	0.035	0.012	0.55	-

Maximum CEV based on the ladle analysis

	Maximum CEV in % for nominal product thickness in mm			
	≤ 30	> 30 ≤ 40	> 40 ≤ 150	> 150 ≤ 250
S235JR	0.35	0.35	0.38	0.40



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- 8 The performance of the product identified in points 1 and 2 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 identify above

Signed for and on behalf of the manufacturer by:

Gary Robinson, Quality Manager

Gateshead, 15th of March 2018