



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/S355K2W

1. Unique identification code of the product-type:

DOP/2018/S355K2W

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 10025-5 (2004)
	≤ 16	355	
	> 16 ≤ 40	345	
	> 40 ≤ 63	335	
	> 63 ≤ 80	325	
	> 80 ≤ 100	315	
> 100 ≤ 150	295		
Tensile Strength	Nominal thickness (mm)	Values (MPa)	
	≥ 3 ≤ 100	470 to 630	
	> 100 ≤ 150	450 to 600	
Elongation	Nominal thickness (mm)	Values (%) Min	
	> 3 ≤ 40	20	
	> 40 ≤ 63	19	
	> 63 ≤ 100	18	
	> 100 ≤ 150	18	
Impact strength for longitudinal test specimens KV	Test Temperature (°C)	Values (J)	
	- 20	min 40	

Chemical composition of the ladle analysis

	C % max.	Si % max.	Mn %	P %	S % max.	N % max.	Addition of nitrogen binding elements	Cr %	Cu %
S355K2W	0.16	0.50	0.50 - 1.50	max. 0.030	0.030	-	yes	0.40 - 0.80	0.25 - 0.55



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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