METINVEST®	Declaration of Performance	Spartan UK

Declaration of Performance
(According to Annex III of EU Regulation No. 305/2011)

DOP/2016/S355J2

1. Unique identification code of the product-type:

DOP/2016/S355J2

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

Hot-rolled plates for use in construction products

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 10025-2 (2004)
	≤ 16	355	
	> 16 ≤ 40	345	
	> 40 ≤ 63	335	
	> 63 ≤ 80	325	
	> 80 ≤ 100	315	
	> 100 ≤ 150	295	
	> 150 ≤ 200	285	
	> 200 ≤ 250	275	
Tensile Strength	Nominal thickness (mm)	Values (MPa)	
	≥ 3 ≤ 100	470 to 630	
	> 100 ≤ 150	450 to 600	
	> 150 ≤ 250	450 to 600	
Elongation	Nominal thickness (mm)	Values (%) Min	
	> 3 ≤ 40	20	
	> 40 ≤ 63	19	
	> 63 ≤ 100	18	
	> 100 ≤ 150	18	
	> 150 ≤ 250	17	
Impact strength for longitudinal test specimens KV at -20°C	Nominal thickness (mm)	Values (J)	
	≤ 150	min 27	
	> 150 ≤ 250	min 27	

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							
S355J2	0.20	0.20	0.22	0.55	1.60	0.025	0.025	-	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
S355J2	0.45	0.47	0.47	0.49

8 The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.

Signed for and on behalf of the manufacturer by:
Gary Robinson, Quality Manager

Gateshead, 27th of January 2016