



**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)

**CEDOP/2018/S355K2**

1. Unique identification code of the product-type:

**CEDOP/2018/S355K2**

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

**Hot-rolled rolled products of structural steels**

3. Name, registered trade name or registered trademark 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 rolled products of structural steels according to EN 10025-1:2004  
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**



## 7 Declared performance

Essential Characteristic	Performance		Harmonised Standard	Technical Specification
Yield Strength	Nominal thickness (mm)	Values (MPa) Min	EN 10025-1	EN 10025-2
	≤ 16	355		
	> 16 ≤ 40	345		
	> 40 ≤ 63	335		
	> 63 ≤ 80	325		
	> 80 ≤ 100	315		
	> 100 ≤ 150	295		
	> 150 ≤ 200	285		
Tensile Strength	Nominal thickness (mm)	Values (MPa)	EN 10025-1	EN 10025-2
	≥ 3 ≤ 100	470 to 630		
	> 100 ≤ 150	450 to 600		
	> 150 ≤ 250	450 to 600		
Elongation	Nominal thickness (mm)	Values (%) Min	EN 10025-1	EN 10025-2
	> 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)	EN 10025-1	EN 10025-2
	≤ 150	min 40		
	> 150 ≤ 250	min 33		

## 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							
S355K2	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
S355K2	0.45	0.47	0.47	0.49



## Declaration of Performance

**Spartan UK**

- 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 identified above

**Signed for and on behalf of the manufacturer by:**

Gary Robinson, Quality Manager

A handwritten signature in black ink, appearing to read "Gary Robinson", written over a horizontal line.

Gateshead, 22<sup>nd</sup> September 2022