



Spartan UK Ltd

Declaration of Performance

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

DOP/2019/S355K2W

Unique identification code of the product - type:

DOP/2019/S355K2W

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

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

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**

Name and representative whose mandate covers the tasks specified in Article 12 (2):

Not Applicable

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+

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 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 dated 15/10/2020

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, 20th of October 2020

Essential Characteristic	Declared Performance		Harmonised Standard
	Nominal thickness (mm)	Values (MPa) Min	
Yield Strength	≤ 16	355	EN 10025-1 (2004)
	> 16 ≤ 40	345	
	> 40 ≤ 63	335	
	> 63 ≤ 80	325	
	> 80 ≤ 100	315	
	> 100 ≤ 150	295	
Tensile Strength	≥ 3 ≤ 100	470 to 630	EN 10025-1 (2004)
	> 100 ≤ 150	450 to 600	
Elongation	Nominal thickness (mm)	Values (%) Min	EN 10025-1 (2004)
	> 3 ≤ 40	20	
	> 40 ≤ 63	19	
	> 63 ≤ 100	18	
	> 100 ≤ 150	18	
Impact strength for longitudinal test specimens KV at -20°C	Nominal thickness (mm)	Values (J)	EN 10025-1 (2004)
	≤ 150	min 40	

Chemical composition of the ladle analysis:

	C % max.	Si % max.	Mn %	P % max.	S % max.	N % max.	Addition of nitrogen binding elements	Cr %	Cu %
S355K2W	0.16	0.5	0.20 - 0.60	0.03	0.03	-	yes	0.40 - 0.80	0.25 - 0.55

Maximum CEV based on ladle analysis

	Maximum CEV in % for nominal product thickness in mm
S355K2W	0.52



0045

Spartan UK Ltd, Ropery Road, Gateshead, Tyne and Wear, NE8 2RD Great Britain

O6

0045-CPR-0950

DOP No: DOP/2019/S355K2W

EN10025-1:2004

Hot rolled plates from structural steels of Grade S355K2W / 1.8967 according to EN10025-5:2019

Intended uses:

Building constructions or civil engineering in accordance with EN1090 when supplied with 3.1 certification to EN10204 containing product identification details.

Information on regulated characteristics in accordance with EN10025-5 for:

Tensile Strength:

Yield Strength:

Elongation:

Impact Strength:

Weldability:

Regulated substance: No performance determined