



**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/S355J0W**

1. Unique identification code of the product-type:

**DOP/2018/S355J0W**

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)       |                                    |
|  | 0                      | min 27           |                                    |

## Chemical composition of the ladle analysis

|         | C %<br>max. | Si %<br>max. | Mn %        | P %        | S %<br>max. | N %<br>max. | Addition of<br>nitrogen binding<br>elements | Cr %        | Cu %        |
|---------|-------------|--------------|-------------|------------|-------------|-------------|---|-------------|-------------|
| S355J0W | 0.16        | 0.50         | 0.50 - 1.50 | max. 0.035 | 0.035       | 0.009       | -   | 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

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Gateshead, 15<sup>th</sup> of March 2018