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**Declaration of Performance (DoP) in acc. with**

**Construction Products (Amendment etc.) (EU Exit) Regulations 2020 (No. 1359)**

**Nr. PTG03-UKCA-10025-14022022**

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1. Unique identification code of the product type:

**Hot rolled constructional steel products**

2. Type, batch or serial number or any element allowing identification of the construction product:

**Sections made from non-alloyed constructional steel EN 10025-2-S235J2**

3. Intended use or uses of the construction product in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

**Welded, bolted and riveted structures**

4. Name, registered trade name or registered trademark and contact address of the manufacturer

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5. Name and contact address of the authorised representative whose mandate covers the tasks:

**- not applicable -**

6. System or systems of assessment and verification of constancy of performance of the construction product:

**System 2+**

7. Declaration of performance concerning a construction product covered by a harmonised standard:

**Approved body – British Board of Agrément (no. 0863) – performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control in accordance with annex ZA of EN 10025-1:2004.**



8. Declared Performance:

Essential characteristic	Performance				Harmonised technical specification
<b>Tolerances on dimensions and shape</b>	I- and H-shaped sections see supplementary sheet 1 U-Shapes: see supplementary sheet 2				<b>EN 10025-1:2004</b>
	<b>Nominal thickness (mm)</b>		<b>Values</b> EN 10025-2-S235J2		
<b>Yield strength</b>	>	≤	<b>R<sub>eH</sub> (MPa)</b>		
			≥		
	-	16	235		
	16	40	225		
	40	100	215		
<b>Tensile strength</b>	>	≤	<b>R<sub>m</sub> (MPa)</b>		
			≥	≤	
	3	100	360	510	
<b>Elongation</b>	>	≤	<b>A<sub>5</sub> (%)</b>		
			≥		
	3	40	26		
	40	63	25		
	63	100	24		
<b>Impact strength</b>	>	≤	<b>KV (J) -20°C</b>		
			≥		
	-	100	27		
<b>Weldability</b>	>	≤	<b>CEV (%)</b>		
			≤		
	-	30	0,35		
	30	40	0,35		
	40	100	0,38		
<b>Durability</b>	>	≤	<b>Ladle analysis (%)</b>		
			≥		
	-	40	C: 0,17      P: 0,040 Mn: 1,40    S: 0,040 N: 0,012    Cu: 0,55		

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. Signed for and on behalf of the manufacturer by:

Peine, 14.02.2022

**Marcus Lippe**

Head of technical services and quality department