

**Declaration of Performance**  
**According to The Construction Products (Amendment etc)**  
**(EU Exit) Regulation 2020 No 1359**

Unique ID  
code

No. TSUK S235J2 Supplied +AR or +N

**Strip S235J2 / 1.0117**

Harmonised  
Standard

**According to EN 10025-1**

Intended  
use

To be used in - welded, bolted and riveted structures

Manufacturer

Tata Steel UK Limited  
 Port Talbot  
 South Wales  
 SA13 2NG  
 Tel: +44 (0)1639 871111  
 Website : www.tatasteeleurope.com

System of  
AVCP

System of assessment and verification of constancy of  
 performance of the product  
 System 2+

UK Approved Body LRQA Verification No 0038 performed  
 the inspection of the manufacturing plant, factory production  
 control, the continuous surveillance assessment and  
 evaluation. The performance of the product identified above  
 is in conformity with the set of declared performance/s. This  
 declaration of performance is issued under the sole  
 responsibility of Tata Steel UK limited.

Signed for on behalf of the manufacturer by:-

**Date- Sept 2023**

**Richard Sidebottom**  
 Director Mills, DSO & Technical  
 Port Talbot – South Wales  
 SA13 2NG -UK

Declared Performance

Essential characteristic	Performance		Harmonised technical specification
Tolerances on dimensions and shape	Dimensions	EN 10051	
Yield strength (transverse)	Nominal thickness (mm)	Values Min (MPa)	
	>	<=	
	-	16	235
Tensile strength (transverse)	Nominal thickness (mm)	Values (MPa)	
	>	<=	min max
	-	16	360 510
Elongation (transverse)	Nominal thickness (mm)	Values min (% , 80mm)	
	>	<=	
	1		15
	1.5	1.5	16
	2	2	17
	2.5	2.5	18
	3	3	19
Impact strength (longitudinal)	Nominal thickness (mm)	Values min (% , 5.65√s <sub>0</sub> )	
	3	16	24
Weldability CEV	J2	27J at -20°C	
	Nominal thickness (mm)	Values max (%)	
	>	<=	
Durability	-	16	0.35
	Nominal thickness (mm)	Values max (%)	
	-	<=16	C:0,17 Mn: 1,40 P: 0,025 S: 0,025 Cu: 0,55

EN10025-1 2004

**UK  
CA**

0038

Tata Steel  
UK

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TSUK S235J2 0038/CPR/LRQ0954218/E

EN 10025-1 – 2004

Strip S235J2 / 1.0117

To be used in - welded, bolted and riveted structures

Tolerances on dimensions : Strip EN10051

Elongation :  
 Tensile Strength :  
 Yield Strength : EN10025-2  
 Impact Strength :  
 Weldability :  
 Durability :

Dangerous Substances : No Performance Determined

## Declaration of Performance (according to regulation EU No 305/2011)

### Declared Performance

Essential characteristic	Performance		Harmonised technical specification
Tolerances on dimensions and shape	Dimensions	EN 10051	EN10025-1 2004
Yield strength (transverse)	Nominal thickness (mm)	Values Min (MPa)	
	>    <=		
	-    16	235	
Tensile strength (transverse)	Nominal thickness (mm)	Values (MPa)	
	>    <=	min    max	
	-    16	360    510	
Elongation (transverse)	Nominal thickness (mm)	Values min (% , 80mm)	
	>    <=		
	1    1.5	15    16	
	1.5    2	17	
	2    2.5	18	
	2.5    3	19	
Impact strength (longitudinal)	Nominal thickness (mm)	Values min (% , 5.65√so)	
	3    16	24	
Weldability CEV	Nominal thickness (mm)	Values max (%)	
	>    <=		
	-    16	0.35	
Durability	Nominal thickness (mm)	Values max (%)	
	-    <=16	C:0.17 Mn: 1.40 P: 0.025 S: 0.025 Cu: 0.55	

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Authorised  
Representative

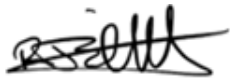
Simon Edwards – Head of Quality  
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Velson Noord . 1951 JZ . NL . PO Box 10.000  
IJmuiden 1970 . CA. NL

System of  
AVCP

System of assessment and verification of constancy of  
performance of the product  
System 2+

Notified Body LRQA Nederland B.V Inspection Services  
No. 0343 performed the inspection of the manufacturing  
plant, factory production control, the continuous  
surveillance assessment and evaluation. The performance  
of the product identified above is in conformity with the set  
of declared performance/s. This declaration of performance  
is issued under the sole responsibility of Tata Steel UK  
limited

Signed for on behalf of the manufacturer by:-



Date- April 2024

**Richard Sidebottom**  
Director Mills, DSO & Technical  
Port Talbot – South Wales  
SA13 2NG -UK



0343

Tata Steel  
UK

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TSUK S235J2 0343/CPR/LRQ0954218/E

EN 10025-1 – 2004

Strip S235J2 / 1.0117

To be used in - welded, bolted and riveted structures

Tolerances on dimensions : Strip EN10051

Elongation :  
Tensile Strength :  
Yield Strength : EN10025-2  
Impact Strength :  
Weldability :  
Durability :

Dangerous Substances : No Performance Determined