

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

Unique ID  
code

No. TSUK S235J0W

**Strip S235J0W / 1.8958**

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.tatasteeluk.com

UK Approved Body  
 LRQA Verification Ltd  
 1, Trinity Park, Bickenhill Lane, Birmingham B37 7ES.  
 Website : www.lrqqa.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- Aug 2025

**Dean Cartwright**  
 Director Technical Tata Steel UK  
 Port Talbot – South Wales  
 SA13 2NG -UK

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)	
	>      <=		
	-      6	235	
Tensile strength (transverse)	Nominal thickness (mm)	Values (MPa)	
	>      <	min      max	
	6	360      510	
Elongation (transverse)	Nominal thickness (mm)	Values min (% , 80mm)	
	>      <=		
	1,5      2	19	
	2      2,5	20	
	2,5      3	21	
	Nominal thickness (mm)	Values min (% , 5.65√so)	
	3      6	26	
Impact strength (longitudinal)	N/A	N/A	
Weldability CEV	Nominal thickness (mm)	Values max (%)	
	>      <=		
	-      6	0.44	
Durability	Nominal thickness (mm)	Values max (%)	
	-      <=6	C:0,13 Si: 0,40 Mn: 0,20 – 0,60 P: 0,035 S: 0,035 N: 0,009 Cr:0,40 – 0,80 Cu: 0,25 – 0,55	

**UK  
CA**

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Tata Steel  
UK

21

TSUK S235J0W 0038/CPR/LRQ0954218/E

EN 10025-1 – 2004

Strip S235J0W / 1.8958

To be used in - welded, bolted and riveted structures

Tolerances on dimensions : Strip EN10051

Elongation :  
 Tensile Strength :  
 Yield Strength : EN10025-5  
 Impact Strength :  
 Weldability :  
 Durability :

Dangerous Substances : No Performance Determined

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

Declared Performance

Unique ID code: No. TSUK S235J0W  
 Harmonised Standard: **Strip S235J0W / 1.8958**  
 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.tatasteeluk.com

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- Aug 2025

**Dean Cartwright**  
 Director Technical Tata Steel UK  
 Port Talbot – South Wales  
 SA13 2NG -UK

Essential characteristic	Performance		Harmonised technical specification
Tolerances on dimensions and shape	Dimensions	EN 10051	
Yield strength (transverse)	Nominal thickness (mm)	Values Min (MPa)	
	> <=	235	
	- 6		
Tensile strength (transverse)	Nominal thickness (mm)	Values (MPa)	
	> <	min	max
	3 6	360	510
Elongation (transverse)	Nominal thickness (mm)	Values min (% , 80mm)	
	> <=		
	1,5 2	19	
	2 2,5	20	
	2,5 3	21	
	Nominal thickness (mm)	Values min (% , 5.65√s <sub>0</sub> )	
	3 6	26	
Impact strength (longitudinal)	N/A	N/A	
Weldability CEV	Nominal thickness (mm)	Values max (%)	
	> <=		
	- 6	0.44	
Durability	Nominal thickness (mm)	Values max (%)	
	- <=6	C:0,13 Si: 0,40 Mn: 0,20 – 0,60 P: 0,035 S: 0,035 N: 0,009 Cr:0,40 – 0,80 Cu: 0,25 – 0,55	

EN10025-1 2004



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13

TSUK S235J0W 0343CPR/LRQ0954218/E

EN 10025-1 – 2004

Strip S235J0W / 1.8958

To be used in - welded, bolted and riveted structures

Tolerances on dimensions : Strip EN10051

Elongation :  
 Tensile Strength :  
 Yield Strength :  
 Impact Strength :  
 Weldability :  
 Durability :

EN10025-5

Dangerous Substances : No Performance Determined