

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.tatasteeleurope.com

UK Approved Body
 LRQA Verification Ltd
 1, Trinity Park, Bickenhill Lane, Birmingham B37 7ES.
 Website : www.lrq.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
	Dimensions	EN 10051	
Tolerances on dimensions and shape			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√s ₀)	
	3 6	26	
Impact strength (longitudinal)	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

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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
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.tatasteeleurope.com
 Authorised Representative: Simon Edwards – Head of Quality
 Tata Steel NL
 Wenckebachstraat 1 .
 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

Essential characteristic	Performance		Harmonised technical specification	
	Tolerances on dimensions and shape	Dimensions	EN 10051	
Yield strength (transverse)	Nominal thickness (mm)	Values Min (MPa)		
	> <=	235		
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 ₀)		
	3 6	26		
Impact strength (longitudinal)	N/A		N/A	
Weldability CEV	Nominal thickness (mm)	Values max (%)		
	> <=	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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Tata Steel UK

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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 : EN10025-5
 Impact Strength :
 Weldability :
 Durability :

Dangerous Substances : No Performance Determined