

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

Unique ID code: No. TSUK S275J2C  
**Strip S275J2C / 1.0142**

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.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- 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	Dimensions		EN 10051		EN10025-1 2004
Yield strength (transverse)	Nominal thickness (mm)		Values Min (MPa)		
	>	<=	275		
Tensile strength (transverse)	Nominal thickness (mm)		Values (MPa)		
	>	<	min	max	
	-	3	430	580	
	3	16	410	560	
Elongation (transverse)	Nominal thickness (mm)		Values min (% , 80mm)		
	>	<=			
		1	13		
	1	1,5	14		
	1,5	2	15		
	2	2,5	16		
	2,5	3	17		
Impact strength (longitudinal)	Nominal thickness (mm)		Values min (% , 5.65√so)		
	3	16	21		
Weldability CEV	J2		27J at -20°C		
	Nominal thickness (mm)		Values max (%)		
Durability	>	<=	0.40		
	-	16			
	-	<=16	C:0,18 Mn: 1,50 P: 0,025 S: 0,025 Cu: 0,55		

UK  
CA

0038

---

Tata Steel  
UK

21

TSUK S275J2C 0038/CPR/LRQ0954218/E

---

EN 10025-1 – 2004

Strip S275J2C / 1.0142

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)

Unique ID code: No. TSUK S275J2C  
**Strip S275J2C / 1.0142**

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

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	275	
Tensile strength (transverse)	Nominal thickness (mm)		Values (MPa)	
	>	<	min	max
	-	3	430	580
	3	16	410	560
Elongation (transverse)	Nominal thickness (mm)		Values min (% , 80mm)	
	>	<=		
		1	13	
	1	1.5	14	
	1.5	2	15	
	2	2.5	16	
	2.5	3	17	
	Nominal thickness (mm)		Values min (% , 5.65√so)	
3	16	21		
Impact strength (longitudinal)	J2		27J at -20°C	
Weldability CEV	Nominal thickness (mm)		Values max (%)	
	>	<=		
	-	16	0.40	
Durability	Nominal thickness (mm)		Values max (%)	
	-	<=16	C: 0,18 Mn: 1,50 P: 0,025 S: 0,025 Cu: 0,55	



0343

Tata Steel UK

13

TSUK S275J2C 0343/CPR/LRQ0954218/E

EN 10025-1 – 2004

Strip S275J2C / 1.0142

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