

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.tatasteeluk.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)		
	>	<=			
	-	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		

**UK
CA**

0038

Tata Steel
UK

21

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 :

Impact Strength :

Weldability :

Durability :

EN10025-2

Dangerous Substances : No Performance Determined

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

Declared Performance

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.tatasteeluk.com

System of
AVCP

EU Notified Body
LRQA Nederland B.V,
George Hintzenweg 77,
3068 AX Rotterdam,
Netherlands

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

Sensitivity: general

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	1.5	13 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

EN10025-1 2004



0343

Tata Steel
UK

13

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