

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

Unique ID code: No. TSUK S355JR  
**Strip S355JR / 1.0045**

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.lrqa.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	355
Tensile strength (transverse)	Nominal thickness (mm)	Values (MPa)	
	>	<	min max
	-	3	510 680
	3	16	470 630
Elongation (transverse)	Nominal thickness (mm)	Values min (% , 80mm)	
	>	<=	
	1	1.5	14 15
	1.5	2	16
	2	2.5	17
	2.5	3	18
	Nominal thickness (mm)	Values min (% , 5.65√so)	
	3	16	22
Impact strength (longitudinal)	JR	27J at +20°C	
Weldability CEV	Nominal thickness (mm)	Values max (%)	
	>	<=	
	-	16	0.45
Durability	Nominal thickness (mm)	Values max (%)	
	-	<=16	C:0,24 Si: 0,55 Mn: 1,60 P: 0,035 S: 0,035 N: 0.012 Cu: 0,55

EN10025-1 2004

**UK  
CA**

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Tata Steel  
UK

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TSUK S355JR 0038/CPR/LRQ0954218/E

EN 10025-1 – 2004

Strip S355JR / 1.0045

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

Unique ID  
code

No. TSUK S355JR  
**Strip S355JR / 1.0045**

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](http://www.tatasteeleurope.com)

Authorised  
Representative

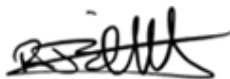
Simon Edwards – Head of Quality  
Tata Steel NL  
Wenkebachstraat 1 .  
Velson Noord . 1951 JZ . NL . PO Box 10.000  
IJmuiden 1970 . CA. NL

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		EN10025-1 2004
Yield strength (transverse)	Nominal thickness (mm)		Values Min (MPa)		
	>	<=			
	-	16	355		
Tensile strength (transverse)	Nominal thickness (mm)		Values (MPa)		
	>	<	min	max	
	-	3	510	680	
	3	16	470	630	
	Elongation (transverse)	Nominal thickness (mm)		Values min (% , 80mm)	
>		<=			
		1	14		
1		1.5	15		
1.5		2	16		
2		2.5	17		
2.5		3	18		
Nominal thickness (mm)		Values min (% , 5.65√s <sub>0</sub> )			
3		16	22		
Impact strength (longitudinal)	JR		27J at +20°C		
Weldability CEV	Nominal thickness (mm)		Values max (%)		
	>	<=			
	-	16	0.45		
Durability	Nominal thickness (mm)		Values max (%)		
	-	<=16	C: 0,24 Si: 0,55 Mn: 1,60 P: 0,035 S: 0,035 N: 0,012 Cu: 0,55		



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Tata Steel  
UK

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TSUK S335JR 0343/CPR/LRQ0954218/E

EN 10025-1 – 2004

Strip S335JR / 1.0045

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