

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

Unique ID code: No. TSUK S355J0

Strip **S355J0 / 1.0553**

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)			
	>	<=			
	-	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√so)			
	3	16	22		
Impact strength (longitudinal)	J0		27J at +0°C		
Weldability CEV	Nominal thickness (mm)	Values			
		max (%)			
	>	<=			
	-	16	0.45		
Durability	Nominal thickness (mm)	Values			
		max (%)			
	-	<=16	C:0,20 Si: 0,55 Mn: 1,60 P: 0,030 S: 0,030 N: 0,012 Cu: 0,55		

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Tata Steel  
UK

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TSUK S355J0 0038/CPR/LRQ0954218/E

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EN 10025-1 – 2004

Strip S355J0 / 1.0553

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 S355J0  
**Strip S355J0 / 1.0553**  
 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
	Dimensions	EN 10051	
Tolerances on dimensions and shape			EN10025-1 2004
Yield strength (transverse)	Nominal thickness (mm)	Values Min (MPa)	
	>	<=	
	-	16	
	355		
Tensile strength (transverse)	Nominal thickness (mm)	Values (MPa)	
	>	<	
	-	3	
	3	16	
		470	
		630	
Elongation (transverse)	Nominal thickness (mm)	Values min (% , 80mm)	
	>	<=	
		1	
	1	1.5	
	1.5	2	
	2	2,5	
	2.5	3	
	Nominal thickness (mm)	Values min (% , 5.65√s0)	
	3	16	
		22	
Impact strength (longitudinal)	J0	27J at +0°C	
Weldability CEV	Nominal thickness (mm)	Values max (%)	
	>	<=	
	-	16	
	0.45		
Durability	Nominal thickness (mm)	Values max (%)	
	-	<=16	
	C:0,20 Si: 0,55 Mn: 1,60 P: 0,030 S: 0,030 N: 0,012 Cu: 0,55		



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Tata Steel  
UK

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TSUK S355J0 0343/CPR/LRQ0954218/E

EN 10025-1 – 2004

Strip S355J0 / 1.0553

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