

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

Unique ID code: No. TSUK S355J0 Supplied as +AR or +N

Harmonised Standard: **Strip S355J0 / 1.0553**
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

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- Jun 2026

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	
Yield strength (transverse)	Nominal thickness (mm)	Values Min (MPa)	
	>	<=	
	-	16	
		355	
Tensile strength (transverse)	Nominal thickness (mm)	Values (MPa)	
	>	<	
	-	min	
	-	max	
	-	3	
	-	16	
		510	
		680	
		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	

EN10025-1 2004

UK
CA

0038

Tata Steel
UK

26

0038/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 : 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 Supplied as +AR or +N

Harmonised Standard: **Strip S355J0 / 1.0553**
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

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

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- Jun 2026

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		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 ₀)		
	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		



0343

Tata Steel
UK

26

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