

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

Unique ID code: No. TSUK S355K2  
**Strip S355K2 / 1.0596**

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	
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	12	
	1	1.5	13	
	1.5	2	15	
	2	2.5	16	
	2.5	3	17	
		Nominal thickness (mm)		Values min (% , 5.65√s <sub>0</sub> )
	3	16	22	
Impact strength (longitudinal)	K2		40J at -20°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: 0.025 S: 0.025 Cu: 0.55	

EN10025-1 2004

# UK CA

0038

Tata Steel  
UK

21

TSUK S355K2 0038/CPR/LRQ0954218/E

EN 10025-1 – 2004

Strip S355K2 / 1.0596

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 S355K2  
**Strip S355K2 / 1.0596**

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	
	Performance			
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)		
	> 3	< 16	min max	
	- 3	16	510 680 470 630	
Elongation (transverse)	Nominal thickness (mm)	Values min (% , 80mm)		
	> 1	<=	12	
	1	1.5	13	
	1.5	2	15	
	2	2.5	16	
	2.5	3	17	
	3	16	22	
Impact strength (longitudinal)	K2	40J at -20°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: 0,025 S: 0,025 Cu: 0,55	



0343

Tata Steel UK

13

TSUK S355K2 0343/CPR/LRQ0954218/E

EN 10025-1 – 2004

Strip S355K2 / 1.0596

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