

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

Unique ID
code

No. TSUK S275J0 Supplied +AR or +N

Strip S275J0 / 1.0143

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

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

Sensitivity: general

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	
	-	16	430	580	
	3	16	410	560	
Elongation (transverse)	Nominal thickness (mm)		Values min (% , 80mm)		
	>	<=			
	-	1	15		
	1	1.5	16		
	1.5	2	17		
	2	2.5	18		
	2.5	3	19		
	Nominal thickness (mm)		Values min (% , 5.65√so)		
Impact strength (longitudinal)	3	16	23		
	J0		27J at +0°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: 0,030 S: 0,030 N: 0,012 Cu: 0,55		

**UK
CA**

0038

Tata Steel
UK

21

TSUK S275J0 0038/CPR/LRQ0954218/E

EN 10025-1 – 2004

Strip S275J0 / 1.0143

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 S275J0 Supplied +AR or +N

Strip S275J0 / 1.0143Harmonised
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

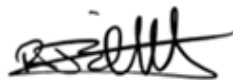
Simon Edwards – Head of Quality
Tata Steel NL
Wenkebachstraat 1 .
Velson Noord . 1951 JZ . NL . PO Box 10.000
IJmuiden 1970 . CA. NL

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

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
	-	16	430 580
	3	16	410 560
Elongation (transverse)	Nominal thickness (mm)	Values min (% , 80mm)	
	>	<=	
		1	15
	1	1.5	16
	1.5	2	17
	2	2.5	18
	2.5	3	19
	Nominal thickness (mm)	Values min (% , 5.65√so)	
Impact strength (longitudinal)	3	16	23
	J0	27J at +0°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: 0,030 S: 0,030 N: 0,012 Cu: 0,55

EN10025-1 2004



0343

Tata Steel
UK

13

TSUK S275J0 0343/CPR/LRQ0954218/E

EN 10025-1 – 2004

Strip S275J0 / 1.0143

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