

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

Unique ID
code

No. TSUK S235JRC

Strip S235JR / 1.0122

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

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	235	
Tensile strength (transverse)	Nominal thickness (mm)	Values (MPa)	
	> <=	min max	
	- 16	360 510	
Elongation (transverse)	Nominal thickness (mm)	Values min (% , 80mm)	
	> <=		
	1	17	
	1.5	18	
	2	19	
	2.5	20	
	3	21	
	Nominal thickness (mm)	Values min (% , 5.65√s ₀)	
	3 16	26	
Impact strength (longitudinal)	JR	27J at + 20°C	
Weldability CEV	Nominal thickness (mm)	Values max (%)	
	> <=		
	- 16	0.35	
Durability	Nominal thickness (mm)	Values max (%)	
	- <=16	C:0,17 Mn: 1,40 P: 0,035 S: 0,035 N: 0.012 Cu: 0,55	

EN10025-1 2004

**UK
CA**

0038

Tata Steel
UK

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TSUK S235JRC 0038/CPR/LRQ0954218/E

EN 10025-1 – 2004

Strip S235JRC / 1.0122

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 S235JRC

Strip S235JR / 1.0122

Harmonised
Standard

According to EN 10025-1

Intended Use

To be used in - welded, bolted and riveted structures

Manufacturer

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Port Talbot
South Wales
SA13 2NG
Tel: +44 (0)1639 871111
Website : www.tatasteeleurope.com

Authorised
Representative

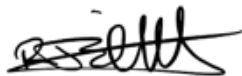
Simon Edwards – Head of Quality
Tata Steel NL
Wenckebachstraat 1 .
Velson Noord . 1951 JZ . NL . PO Box 10.000
IJmuiden 1970 . CA. NL

System of
AVCP

System of assessment and verification of constancy of
performance of the product
System 2+

Notified Body LRQA Verification B.V Inspection Services
No. 2814 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	235
Tensile strength (transverse)	Nominal thickness (mm)	Values (MPa)	
	> -	<= 16	min 360 max 510
Elongation (transverse)	Nominal thickness (mm)	Values min (% , 80mm)	
	> -	<= 1	17
	1	1.5	18
	1.5	2	19
	2	2.5	20
	2.5	3	21
Impact strength (longitudinal)	Nominal thickness (mm)	Values min (% , 5.65√so)	
	3	16	26
Weldability CEV	Nominal thickness (mm)	Values max (%)	
	> -	<= 16	0.35
Durability	Nominal thickness (mm)	Values max (%)	
	-	<=16	C:0.17 Mn: 1.40 P: 0.035 S: 0.035 N: 0.012 Cu: 0.55

EN10025-1 2004



2814

Tata Steel
UK

13

TSUK S235JRC 2814/CPR/LRQ0954218/E

EN 10025-1 – 2004

Strip S235JRC / 1.0122

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