

Declaration of Performance
(according to regulation EU No 305/2011)

No. TSSP S235JR Supplied +AR or +N

Unique ID code **Strip S235JR / 1.0038**

Harmonised standard **According to EN 10025-1**

Intended use **To be used in - welded, bolted and riveted structures**

Manufacturer **Tata Steel UK Limited
Strip Products UK
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System of AVCP **System of assessment and verification of constancy of performance of the product
System 2+**

Notified Body **Bureau Veritas Italia S.P.A Inspection Services No. 1370** 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 Strip Products UK limited.

Signed for and on behalf of the manufacturer by:




Martin Brunnock – Director, Strip Products UK
Tata Steel UK Limited

Date August 2020

Declared Performance/s

Essential characteristic	Performance				Harmonised technical specification
	Dimensions		EN 10051		
Tolerances on dimensions and shape			EN 10051		EN10025-1 2004
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	1.5	18		
	1.5	2	19		
	2	2.5	20		
	2.5	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		



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Tata Steel
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EN 10025-1 – 2004

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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