



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

Unique ID code: No: TSNL S235J2C

Product type: **Strip S235J2C/ 1.0119**

Harmonised standard: **according EN 10025-1 : 2004**

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

Manufacturer: **Tata Steel IJmuiden B.V
Wenckebachstraat 1
1951 JZ Velsen-Noord
The Netherlands
Tel: +31 251 49111
Website: www.tatasteelnederland.com**

Representative System of AVCP: **Not applicable
System of assessment and verification of constancy performance of the product System 2+**

NOBO: **Notified Body LRQA Nederland B.V No. 0343 performed the initial inspection of the manufacturing plant and of factory production control, the continuous surveillance assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control.**


Declaration and signature: **The performance of the product identified above is in conformity with the set of declared performances. This declaration is issued in accordance with Regulation EU No 305/2011 under the sole responsibility of Tata Steel IJmuiden B.V.
Signed for on behalf of the manufacturer by:**


Carel Kleemans **Date: Dec 2024**
Technical Director, Strip Products
Tata Steel IJmuiden BV.

Declared Performance

Essential characteristic	Performance		Harmonised technical specification	
Tolerances on dimension and shape	Dimensions		EN 10051	
	Flatness		EN 10051	
Yield strength (transverse)	Nominal thickness (mm)		Values Min (Mpa)	
	>	<=		
	1,4 16	16 25	235 225	
Tensile strength (transverse)	Nominal thickness (mm)		Values (Mpa)	
	>	<=	min	max
	1,4 16	25	360	510
Elongation (transverse)	Nominal thickness (mm)		Values min (% 80 mm)	
	>	<=		
	1,4 1,5 2 2,5	1,5 2 2,5 3	16 17 18 19	
	Nominal thickness (mm)		Values max (% 5.65√s ₀)	
	>3	<=25	24	
Impact Strength (longitudinal)	J2		27J at - 20°C	
Weldability CEV	Nominal thickness (mm)		Values	
	>	<=		
	1,4	25	0,35	
Durability	Nominal thickness (mm)		Values	
	> 1,4	<=25	C: 0,17 Mn: 1,40 P: 0,025 S: 0,025 N: - Cu: 0,55	

EN10025-1 2004

 0343
Tata Steel IJmuiden B.V. Wenckebachstraat 1 1951JZ Velsen-Noord The Netherlands 24
TSNL strip S235J2C EN 10025-1: 2004 Strip S235J2C /1.0119
To be used in-welded, bolted and riveted structures Tolerances on dimensions: Strip EN 10051 Elongation: Tensile Strength: Yield Strength: EN10025-2 Weldability: Durability:
Dangerous Substances: No performance Determined