



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

Unique ID code: No: TSNL S235J2
 Product type: Strip S235J2/ 1.0117
 Harmonised standard: according to 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√so)	
	>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 1951 JZ Velsen-Noord The Netherlands 24 TSNL strip S235J2 EN 10025-1: 2004 Strip S235JC /1.0117
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