



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

Unique ID code: No: TSNL S275JR
 Product type: **Strip S275JR/ 1.0044**
 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 the 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	275
Tensile strength (transverse)	Nominal thickness (mm)		Values (Mpa)
	>	<=	min max
	1,4	3	430 580
	3	25	410 560
	Nominal thickness (mm)		Values min (% 80 mm)
Elongation (transverse)	>	<=	
	1,4	1,5	14
	1,5	2	15
	2	2,5	16
	2,5	3	17
	Nominal thickness (mm)		Values max (% 5,65√s ₀)
Impact Strength (longitudinal)	JR		27J at + 20°C
	Nominal thickness (mm)		Values
Weldability CEV	> mm	<= mm	
	1,4	25	0,4
	Nominal thickness (mm)		Values
Durability	> 1,4	<=25	C: 0,21 Mn: 1,50 P: 0,035 S: 0,035 N: 0,012 Cu: 0,55

EN10025-1 2004

 0343
Tata Steel IJmuiden B.V. Wenckebachstraat 1 1951JZ Velsen-Noord The Netherlands 24
TSNL strip S275JR EN 10025-1: 2004 Strip S275JR /1.0044
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