



**Declaration of Performance**  
(according to EU exit Regulation 2020 No. 1359)

Unique ID code: No: TSNL S355JR UKCA  
 Product type: Strip S355JR/ 1.0045  
 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: Not applicable  
 System of AVCP: System of assessment and verification of constancy performance of the product System 2+

NOBO: Notified Body LRQA Verification Limited No. 0038 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 EU exit Regulation 2020 No 1359 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	355
Tensile strength (transverse)	Nominal thickness (mm)		Values (Mpa)
	>	<=	min max
	1,4	3	510 680
Elongation (transverse)	Nominal thickness (mm)		Values min (% 80 mm)
	>	<=	
	1,4	1,5	13
Impact Strength (longitudinal)	Nominal thickness (mm)		Values max (% 5.65√so)
	>3	<=25	20
	1,5	2	14
Weldability CEV	Nominal thickness (mm)		Values
	> mm	<= mm	
	1,4	25	0,45
Durability	Nominal thickness (mm)		Values
	> 1,4	<=25	C: 0,24 Mn: 1,60 P: 0,035 S: 0,035 N: 0,012 Cu: 0,55 Si: 0,55

EN10025-1 2004

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Tata Steel IJmuiden B.V. Wenckebachstraat 1 1951JZ Velsen-Noord The Netherlands 21
TSNL strip S355JR UKCA EN 10025-1: 2004 Strip S355JR /1.0045
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