

Declaration of Performance
(EU exit regulation 2020 No 1359)

Certificate No:

0038/CPR/RQA0532073/B

S355JR

Strip S355JR / 1.0045 according EN 10025-2

To be used in-welded, bolted and riveted structures

Tata Steel IJmuiden B.V.
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CE Marking Notified Body
Lloyd's Register Verification Limited
71 Fenchurch Street
London, EC3M 4BS
UK

System of assessment and verification of constancy of
performance of the product
System 2+

Notified factory production control certification body No. 0038
performed the initial inspection of the manufacturing plant and of
factory production control and the continuous surveillance,
assessment, and evaluation of factory production control and
issued the certificate of conformity of the factory production
control

The performance of the product identified is in conformity with
the declared performance. This declaration of performance is
issued, in accordance with (EU exit) Regulation 2020 No1359,
under the sole responsibility of the manufacturer. Signed for and
on behalf of the manufacturer by:



Carel Kleemans – Technical Director, Strip Products MLE
Tata Steel IJmuiden BV
5th of August 2021
Date

Essential characteristic	Performance		Harmonised technical specification
Tolerances on dimensions and shape	Dimensions	EN 10051	
Yield strength (transverse)	Flatness	EN10051	
	Nominal thickness (mm)	Values Min (MPa)	
	>	<=	
	1.4	16	355
	16	20	345
Tensile strength (transverse)	Nominal thickness (mm)	Values (MPa)	
	>	<=	min max
	1.4	3	510 680
	3	20	470 630
Elongation (transverse)	Nominal thickness (mm)	Values min (%; 80mm)	
	>	<=	
	1.4	1.5	15
	1.5	2	16
	2	2.5	17
	2.5	3	18
	Nominal thickness (mm)	Values min (%; 5.65√so)	
	>3	<=20	22
Impact strength (longitudinal)	JR	27J at +20°C	
Weldability CEV	Nominal thickness (mm)	Values max (%)	
	>	<=	
	1.4	20	0.45
Durability	Nominal thickness (mm)	Values max (%)	
	>1.4	<=20	C:0,24 Si:0,55 Mn: 1,60 P: 0,035 S: 0,035 N:0,012 Cu: 0,55

EN10025-1 2004

**UK
CA**

0038

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MLE Strip S355JR

EN 10025-1 – 2004

Strip S355JR/1.0045

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