

## Declaration of Performance (EU exit regulation 2020 No 1359)

Certificate No:

0038/CPR/RQA0532073/B

S355K2C

### Strip S355K2C / 1.0594 according EN 10025-2

To be used in-welded, bolted and riveted structures

Tata Steel Ijmuiden B.V.  
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1951 JZ Velsen-Noord  
The Netherlands  
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Website : [www.tatasteeleurope.com](http://www.tatasteeleurope.com)

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 5<sup>th</sup> of August 2021  
Tata Steel Ijmuiden BV Date

Essential characteristic	Performance		Harmonised technical specification
Tolerances on dimensions and shape	Dimensions	EN 10051	
	Flatness	EN10051	
Yield strength (transverse)	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)	K2	40J 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:0,20 Si:0,55 Mn: 1,60 P: 0,025 S: 0,025 Cu: 0,55

EN10025-1 2004

# UK CA

0038

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MLE Strip S355K2C

EN 10025-1 – 2004

Strip

S355K2C/1.0594

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Tolerances on dimensions : Strip EN10051

Elongation :  
Tensile Strength :  
Yield Strength : EN10025-2  
Impact Strength :  
Weldability :  
Durability :

Dangerous Substances : No Performance Determined