

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

Certificate No:

2814/CPR/RQA0532073/A

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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The Netherlands  
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CE Marking Notified Body  
Lloyd's Register Verification B.V.  
K.P. Van Der Mandelelaan 41 A  
3062 MB Rotterdam  
The Netherlands

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

Notified factory production control certification body No. 2814  
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 regulation (EU) No305/2011, 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	
Yield strength (transverse)	Flatness	EN10051	
	Nominal thickness (mm)	Values Min (MPa)	
	>	<=	
	1.4	16	355
	16	20	345
	Nominal thickness (mm)	Values (MPa)	
	>	<=	min max
	1.4	3	510 680
	3	20	470 630
	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	
	Nominal thickness (mm)	Values max (%)	
	>	<=	
	1.4	20	0.45
	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



2814

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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