

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

Certificate No:

2814/CPR/RQA0532073/A

S355K2

Strip S355K2 / 1.0596 according EN 10025-2

To be used in-welded, bolted and riveted structures

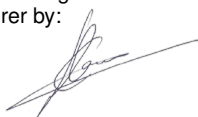
Tata Steel IJmuiden B.V.
Wenckebachstraat 1
1951 JZ Velsen-Noord
The Netherlands
Tel: +31 251 49111
Website : www.tatasteeleurope.com

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 5th 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√s ₀)	
	>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



2814

Tata Steel IJmuiden B.V.
Wenckebachstraat 1
1951 JZ Velsen-Noord
The Netherlands

21

MLE Strip S355K2

EN 10025-1 – 2004

Strip S355K2/1.0596

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