

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

Certificate No:

2814/CPR/RQA0532073/A

S275JR

Strip S275JR / 1.0144 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

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:



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	275
	16	20	265
Tensile strength (transverse)	Nominal thickness (mm)	Values (MPa)	
	>	<=	min max
	1.4	3	430 580
	3	20	410 560
Elongation (transverse)	Nominal thickness (mm)	Values min (%; 80mm)	
	>	<=	
	1.4	1.5	16
	1.5	2	17
	2	2.5	18
	2.5	3	19
	Nominal thickness (mm)	Values min (%; 5.65√s ₀)	
Impact strength (longitudinal)	>3	<=20	23
	JR	27J at +20°C	
Weldability CEV	Nominal thickness (mm)	Values max (%)	
	>	<=	
	1.4	20	0.40
Durability	Nominal thickness (mm)	Values max (%)	
	>1.4	<=20	C:0,21 Mn: 1,50 P: 0,035 S: 0,035 N:0,012 Cu: 0,55

EN10025-1 2004



2814

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MLE Strip S275JR

EN 10025-1 – 2004

Strip S275JR/1.0144

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