

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

No. MLE Strip S235JR

Strip S235JR / 1.0038 according EN 10025-2

To be used in-welded, bolted and riveted structures

Tata Steel
Postbox 10000
1970 CA IJmuiden
Netherlands
Tel: +31 251 49111
Fax: +31 251 47000
Website : www.tatasteeleurope.com

CE Marking Notified Body
Lloyds Register Verification Limited
71 Fenchurch Street, London, EC3M 4BS
Tel :+44 (0)207 423 2428
Email : ecdirectives@lr.org
Website : www.lr.org

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



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	235
	16	20	225
Tensile strength (transverse)	Nominal thickness (mm)		Values (MPa)
	>	<=	min max
	1.4	20	360 510
	Nominal thickness (mm)		Values min (% 80mm)
Elongation (transverse)	>	<=	
	1.4	1.5	18
	1.5	2	19
	2	2.5	20
	2.5	3	21
	Nominal thickness (mm)		Values min (% 5.65√s ₀)
	>3	<=20	24
Impact strength (longitudinal)	JR	27J at + 20°C	
Weldability CEV	Nominal thickness (mm)		Values max (%)
	>	<=	
	1.4	20	0.35
Durability	Nominal thickness (mm)		Values max (%)
	>1.4	<=20	
			C:0,17 Mn: 1,40 P: 0,035 S: 0,035 N: 0,012 Cu: 0,55

EN10025-1 2004



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EN 10025-1 – 2004

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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