



**Declaration of Performance**

(According to regulation 305/2011/EU)

No. LSN Strip S275JR

- Code of the product type: 1.0044
- Type: Strip S275JR according to EN 10025-2  
To be used in welded, bolted, and riveted structures.
- Liberty Steel Newport Ltd, Corporation Road, Newport, South Wales NP19 4XE  
Tel +44(0)1633 290288

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

Notified factory production control certification body CARES, notified under registration number 1244 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:

**Certificate No: 1244-CPR-1017**

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.

Signed for and on behalf of the manufacturer by:

Paul Cornelius,

Works Manager, Liberty Steel Newport Ltd.

Date 02/08/2022

Essential Characteristic	Performance declaration		Harmonised technical specification	
Tolerances on dimensions and shape Elongation (transverse)	Dimensions Flatness	EN10051 EN10051	EN 10025-1:2004	
		Nominal thickness (mm)		Min Values% (Lo = 80 mm)
		> 1		≤
		1.5		14
		2		15
Tensile strength (transverse)	Nominal thickness (mm)	21 (Lo = 5.6 N80)	Values (MPa)	
		≥ 3		Min
		17		Max
Yield strength (transverse)	Nominal thickness (mm)	430	580	
		3	410	560
Impact strength (longitudinal)	JR	277 at +20°C	275	
		1.4		12.5
Weldability CEV	Nominal thickness mm	Max value (%)	0.40	
		> 1.4		≤ 12.5
Durability	Nominal thickness mm	Max Values%	The max. value for nitrogen does not apply if the chemical composition shows a minimum total Al content of 0.020% or if sufficient other N binding elements are present.	
		> 1.4		≤ 12.5
		C		0.21
		Mn		1.50
		P		0.035
Durability	Nominal thickness mm	S	0.035	
		N	0.012	
		Cu	0.55	



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LSN Strip S275JR

EN 10025-1: 2004

1.0044

To be used in welded, bolted, and riveted structures

Tolerances on dimensions and shape: EN 10051

Elongation:

Tensile strength:

Yield strength: Steel S275JR-EN 10025-2

Impact strength:

Weldability:

Durability:

Dangerous substances: No performance determined