



**LIBERTY STEEL NEWPORT LIMITED**

**Declaration of Performance**  
(According to regulation 305/2011/EU)

No. LSN Strip S275J2

- Code of the product type: 1.0145
- Type: Strip S275J2 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. Certification was transferred to notified factory  
production control certification body Kiwa Nederland B. V.  
Notified under registration number 0063, after the U.K. left the  
E.U. CARES maintains a continuous surveillance, assessment,  
and evaluation of factory production control on behalf of Kiwa.  
Kiwa issues the certificate of conformity of the factory  
production control:

**Certificate No: 0063-CPR-106791/01**

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.

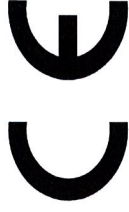
Signed for and on behalf of the manufacturer by:

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	EN 10051 EN 10051	
		Nominal thickness (mm)	
	>	≤	
	1	1.5	
	1.5	2	
Tensile strength (transverse)	Nominal thickness (mm)	21 (L <sub>0</sub> = 5.6 *s <sub>0</sub> )	
		> 3	
	≥	<	
	1.4	3	
	3	430	
Yield strength (transverse)	Nominal thickness (mm)	Min Value (MPa)	EN 10025-1:2004
		>	
	1.4	12.0	
Impact strength (longitudinal)	J2	27J at -20°C	
	Nominal thickness mm	Max value (%)	
Weldability CEV	>1.4	≤ 12.0	
	Nominal thickness mm	Max Values %	
Durability	>1.4	≤ 12.0	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
	C	0.18	
	Min	1.50	
	P	0.025	
	S	0.025	
	N	0.012	
	Cu	0.55	



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LSN Strip S275J2

EN I 0025-1: 2004

1.0145

To be used in welded, bolted, and riveted structures

Tolerances on dimensions and shape: EN 10051

Elongation:

Tensile strength:

Yield strength: Steel S275J2-EN10025-2

Impact strength:

Weldability:

Durability:

Dangerous substances: No performance determined