



LIBERTY STEEL NEWPORT LIMITED

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

No. L_{SN} Strip S235JR

- Code of the product type: 1.0038
- Type: Strip S235JR 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	
	1.5	2	
Tensile strength (transverse)	Nominal thickness (mm)	Values (MPa)	
	>	≤	
	1.4	12.5	
	1.4	12.5	
Yield strength (transverse)	Nominal thickness (mm)	Min Value (MPa)	
	>	≤	
Impact strength (longitudinal)	JR	27J at +20°C	
Weldability CEV	Nominal thickness mm	Max value (%)	
	> 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	
		Mn	
		P	
	S		
	N		
	Cu		

	<p>Liberty Steel Newport Ltd, Corporation Rd. Newport, South Wales NP19 4XE</p> <p>15</p> <p>L_{SN} Strip S235JR</p>
<p>EN I 0025-1: 2004</p> <p>1.0038</p>	<p>To be used in welded, bolted, and riveted structures</p> <p>Tolerances on dimensions and shape: EN 10051</p> <p>Elongation: Tensile strength: Yield strength: Steel S235JR-EN 10025-2 Impact strength: Weldability: Durability:</p> <p>Dangerous substances: No performance determined</p>