



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

Unique identification code of the product-type:  
No. BS Section S275J0

**Section S275J0 / 1.0143 according EN 10025-2**

Intended use:  
To be used in Metal Structures and Composite Metal and Concrete Structures

Manufacturer:  
**British Steel Limited**  
Brigg Road  
Scunthorpe, DN16 1XA

Tel: +44 (0)1724 404040

Website : [www.britishsteel.co.uk](http://www.britishsteel.co.uk)

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

Factory Production Control Notified Body No. 0343 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 in the Declared Performance is in conformity with the set of declared performance/s.

This declaration of performance is issued, in accordance with: Regulation EU No 305/2011 under the sole responsibility of the manufacturer identified above.

**Certificate No. 0343/CPR/LRQ0860859/1**

Signed for and on behalf of the manufacturer by:

Chris Vaughan  
Chief Operating Officer (Interim),  
British Steel Limited

**22<sup>nd</sup> January 2026**  
Date

Essential characteristic	Declared Performance		Harmonised Standard		
Tolerances on dimensions and shape	I & H Sections Equal Flange Tee Equal Angle Unequal Angle Tapered Flange I Bulb Flats Channels	EN 10034 EN 10055 EN 10056-2 EN10056-2 EN 10024 EN 10067 EN 10279	255		
Yield strength (transverse)	Nominal thickness (mm)	Values Min (MPa)		EN10025-1 2004	
	>	<=			
	16	16	275		
	40	40	265		
	63	63	255		
	80	80	245		
	100	100	235		
Tensile strength (transverse)	Nominal thickness (mm)	Values (MPa)		EN10025-1 2004	
	>	<=	min		max
	3	100	410		560
	100	150	400		540
Elongation (transverse)	Nominal thickness (mm)	Values min (% 5.65√s <sub>0</sub> )		EN10025-1 2004	
	>	<=			
	3	40	23		
	40	63	22		
	63	100	21		
Impact strength (longitudinal)		J0		27J at - 0oC	
Weldability CEV	Nominal thickness (mm)	Values max (%)		EN10025-1 2004	
	>	<=			
	40	150	0.40		
			0.42		
Durability	Nominal thickness (mm)	Values min (%)	Values max (%)		
	-	150	Mn: 1.50 Cu: 0.558 C: 0.18 P: 0.030 S: 0.030 N: 0.012		



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Scunthorpe, UK

20

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Harmonised Standard :  
EN 10025-1 – 2004

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Elongation :  
Tensile Strength :  
Yield Strength : EN 10025-2  
Impact Strength :  
Weldability :  
Durability :

Dangerous Substances : No Performance Determined

EU Notified Body  
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