

**DECLARATION OF PERFORMANCE**

(According to regulation EU No

305/2011) No. Section S275J0

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

To be used in-welded, bolted and riveted structures

Tomrods Limited

Hambleton Steel Works, York Road,

Thirsk, YO7 3BT.

Tel: +44 (0)1845 528200

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

View DoP: [www.tomrods.co.uk/standards/downloads](http://www.tomrods.co.uk/standards/downloads)

**CE Marking Notified Body (No. 2273)**

Steel Construction Certification Scheme

4 Whitehall Court, Westminster

London, SW1A 2ES

Tel: 020 7839 8566

Website: [www.steelconstruction.org](http://www.steelconstruction.org)

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

Steel Construction Certificate Scheme has performed (i) initial inspection of the manufacturing plant and factory product control and (ii) continuous surveillance, assessment and evaluation of factory production control and issued Factory Production Control certificate 2273-CPR-0141.



**John Thompson**  
Managing Director  
Tomrods Limited

Date:  
4th May 2014

Registered in England No: 1137143

VAT Reg. No: 171 4456 68

Essential Characteristic	Performance		Harmonised Technical Specification		
Tolerance on dimensions and shape	I & H Sections	EN 10034		EN10025-1 2004	
	Equal Flange Tee	EN 10055			
	Equal Angle	EN 10056-1			
	Unequal Angle	EN 10056-2			
	Tapered Flange I	EN 10024			
	Bulb Flats	EN 10067			
Yield strength (transverse)	Nominal thickness (mm)	Values Min (MPa)			
	>	<=			
	-	16	275		
	16	40	265		
	40	63	255		
	63	80	245		
	80	100	235		
	100	150	225		
Tensile strength (transverse)	Nominal thickness (mm)	Values Min (MPa)			
	>	<=	min	max	
	5	100	410	560	
	100	150	400	540	
	Elongation (transverse)	Nominal thickness (mm)	Values Min (% , 5.65√so)		
>		<=			
5		40	21		
40		63	20		
63		100	19		
100		150	19		
Impact strength (longitudinal)	JR	27J @ +20°C			
	J0	27J @ 0°C			
	J2	27J @ -20°C			
Weldability CEV	Nominal thickness (mm)	Values Max (%)			
	>	<=			
	-	40	0.40		
	40	150	0.42		
Durability	Nominal thickness (mm)	Values Max (%)			
	-	150	C: 0,18		
			Mn: 1,50		
			P: 0,030		
			S: 0,030		
			N: 0,012		
			Cu: 0,55		



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Section S275J0

EN 10025-1 - 2004  
Section S275J0 / 1.0143

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Elongation:  
Tensile Strength:  
Yield Strength: EN10025-2  
Impact Strength:  
Weldability:  
Durability:  
Dangerous Substances: No Performance Determined