

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

Head Office: ParkerSteel Limited

Vauxhall Road, Canterbury

Kent CT1 1HD

Tel: 01227 783333

Website: www.parkersteel.co.uk

View DOP: www.parkersteel.co.uk/dop

UKCA Marking Notified Body (No. 2273)

Steel Construction Certification Scheme

4 Whitehall Court, Westminster

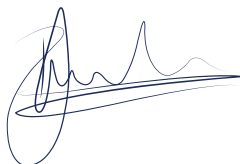
London, SW1A 2ES

Tel: 020 7839 8566

Website: www.steelconstruction.org

System of assesment 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-0025 and Welding Certificate 2273-CPR-0025-WC.



Dylan Alexander
Managing Director
ParkerSteel Limited

Date:
December 2023

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√s ₀)			
	>	<=			
	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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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