



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

John Parker & Son Limited
Vauxhall Road, Canterbury
Kent, CT1 1HD

Tel: 01227 783333

Website: www.parkersteel.co.uk

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

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

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.

Guy Parker
Managing Director
John Parker & Son Ltd - T/A ParkerSteel

Date:
9th April 2014

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