



## DECLARATION OF PERFORMANCE

(according to regulation EU No 305/2011)

Section/Bars S275J0

Sections/Bars 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) intial  
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	Angles		EN10056-2	
	I and H sections		EN 10034	
	Tapered Flange I		EN 10024	
	UPE, UPN		EN 10279	
	Flat / Square / Round / T bars		EN 10058 / EN 10059 EN 10060 / EN 10055	
Yield strength	Nominal thickness (mm)		Values Min (MPa)	
	>	≤		
	-	16	275	
	16	40	265	
	40	63	255	
	63	80	245	
Tensile strength	Nominal thickness (mm)		Values Min (MPa)	
	>	≤	min	max
	=3	100	410	560
	100	140	400	540
	Nominal thickness (mm)		Values Min (%)	
	>	≤		
Elongation	Nominal thickness (mm)		Values Min (%)	
	>	≤		
	=3	40	23	
	40	63	22	
	63	100	21	
	100	140	19	
Impact strength	Nominal thickness (mm)		Values (J)	
	>	≤	min	
		140	27J @ +20°C	
Weldability	Nominal thickness (mm)		Values Max (%)	
	>	≤		
	-	30	0,40	
	30	40	0,40	
	40	140	0,42	
Durability	Nominal thickness (mm)		Values Max (%)	
	>	≤	C*: 0,18	
		140	Mn: 1,50	
			P: 0,035	
			S: 0,035	
			N**: 0,012	
			Cu: 0,55	
*For nominal thickness >100mm: C content upon agreement				
** 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				

EN10025-1 2004



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Sections/Bars S275J0

EN 10025-1 - 2004  
Sections/Bars S275J0 / 1.0143

To be used in-welded, bolted and riveted structures

Elongation:  
Tensile Strength:  
Yield Strength:  
Impact Strength:  
Weldability:  
Durability:  
Dangerous Substances:

EN10025-2  
No Performance Determined