ParkerSteel

www.parkersteel.co.uk

DECLARATION OF PERFORMANCE

(according to regulation EU No 305/2011)

No. Plate S355J2

Plate S355J2 / 1.0577 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 Certficate 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.

Lalit Premchandani
Managing Director
ParkerSteel Limited

Date:
April 2025

Essential Characteristic	Performance				Harmonised Technical Specification
Tolerance on dimensions and shape	Thickness		EN 10029		EN10025-1 2004
	Flatness		EN 10029		
Yield strength (transverse)	Nominal thickness (mm)		Values Min (MPa)		
	>	<=			
	-	16	355		
	16	40	345		
	40	63	325		
	63	80	325		
	80	100	315		
	100	150	295		
Tensile strength (transverse)	Nominal thickness (mm)		Values Min (MPa)		
	>	<=	min	max	
	5	100	470	630	
	100	150	450	600	
Elongation (transverse)	Nominal thickness (mm)		Values Min (%, 5.65√so)		
	>	<=			
	5	40	20		
	40	63	19		
	63	100	18		
	100	150	18		
Impact strength (longitudinal)	JR		27J @ + 20°C		
	J0		27J @ - 0°C		
	J2		27J @ 20°C		
Weldability CEV	Nominal thickness (mm)		Values Max (%)		
	>	<=			
	-	30	0.45		
	30	40	0.47		
	40	150	0.47		
Durability	Nominal thickness (mm)		Values Max (%)		
	-	<=40	C:	0,20(>30mm 0,22)	
			Si:	0,55	
			Mn:	1,60	
			P:	0,025	
			S:	0,025	
			Cu:	0,55	
	>40	150	C:	0,22	
			Si:	0,55	
			Mn:	1,60	
			P:	0,025	
			S:	0,025	
			Cu:	0,55	

UK CA

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EN 10025-1 - 2004
Plate S355J2 / 1.0577

To be used in-welded, bolted and riveted structures
Tolerances on dimensions : Plate EN10029

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

Registered: 12080311 VAT Reg. No. GB328 395 280

UKAS MANAGEMENT SYSTEMS 9963 auva ISO 9001 CERTIFIED