

## DECLARATION OF PERFORMANCE

(according to regulation EU No 305/2011)

No. Plate S355JR

### Plate S355JR / 1.0045 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

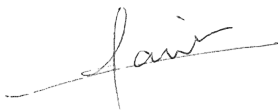
London, SW1A 2ES

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.



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		
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		
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		
Durability	Nominal thickness (mm)	150	Values Max (%)		
			C:	0,24	
	Si:	0,55			
	Mn:	1,60			
	P:	0,035			
	S:	0,035			
	N:	0,012			
	Cu:	0,55			



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EN 10025-1 - 2004  
Plate S355JR / 1.0045

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