

DECLARATION OF PERFORMANCE

(according to regulation EU No 305/2011)

No. Plate S275JR

Plate S275JR / 1.0044 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

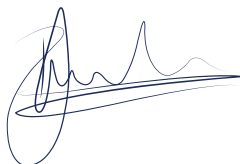
London, SW1A 2ES

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) intial inspection of the manufacturing plant and factory product control and (ii) continuous surveillace, assessment and evaluation of factory production control and issued Factory Production Control certificate 2273-CPR-0025 and Welding Certificate 2273-CPR-0025-WC.



Essential Characteristic	Performance		Harmonised Technical Specification		
Tolerance on dimensions and shape	Thickness		EN 10029		
	Flatness		EN 10029		
Yield strength (transverse)	Nominal thickness (mm)		Values Min (MPa)		
	>	<=			
	-	16	275		
	16	40	265		
	40	63	255		
	63	80	245		
	80	100	235		
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		
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 (%)		
	-	<=40	C: 0,21		
			Mn: 1,50		
			P: 0,035		
			S: 0,035		
			N: 0,012		
			Cu: 0,55		
			C: 0,22		
	>40	150	C: 0,22		
			Mn: 1,50		
			P: 0,035		
			S: 0,035		
			N: 0,012		
Cu: 0,55					

EN10025-1 2004

UK CA

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EN 10025-1 - 2004
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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