

DECLARATION OF PERFORMANCE

(according to regulation EU No 305/2011)

No. Strip S355JR

Strip 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

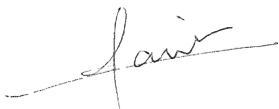
London, SW1A 2ES

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) 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	Dimensions		EN 10051	
Yield strength (transverse)	Nominal thickness (mm)		Values Min (MPa)	
	>	<		
	-	16	355	
Tensile strength (transverse)	Nominal thickness (mm)		Values Min (MPa)	
	>	<=	min	max
	-	16	510	680
	3	16	470	630
Elongation (transverse)	Nominal thickness (mm)		Values Min (% , 80mm)	
	>	<=		
		1	14	
	1	1.5	15	
		1.5	16	
	2	2.5	17	
		2.5	18	
	Nominal thickness (mm)		Values Min (% , 5.65√so)	
	3	16	22	
Impact strength (longitudinal)	JR		27J @ +20°C	
Weldability CEV	Nominal thickness (mm)		Values Max (%)	
	>	<=		
	-	16	0.45	
Durability	Nominal thickness (mm)		Values Max (%)	
	-	<=16	C:	0,24
			Si:	0.55
			Mn:	1,60
			P:	0,035
			S:	0,035
			N:	0.012
			Cu:	0,55

EN10025-1 2004

UK CA

2273

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EN 10025-1 - 2004
 Strip S355JR / 1.0045

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 Tolerances on dimensions : Strip EN10051

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