

### DECLARATION OF PERFORMANCE

(according to regulation EU No 305/2011)

Hollow Section S355-J2H

**Hot formed hollow sections  
produced from non-alloy steel  
Grade S355J2H / 1.0576 according EN 10210-1**

Hot formed steel hollow sections for general use.  
Supplied with 3.1 certification to EN 10204

**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

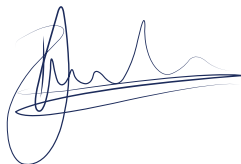
4 Whitehall Court, Westminster  
London, SW1A 2ES

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 2773-CPR-0025 and Welding Certificate 2773-CPR-0025-WC.



**Dylan Alexander**  
Managing Director  
ParkerSteel Limited

Date:  
December 2022

Essential Characteristic	Performance		Harmonised Technical Specification		
Tolerance on dimensions and shape	Round, square and rectangular hollow sections	In accordance with EN 10210-1: 2006		EN10210-1 2006	
Yield strength	Nominal thickness (mm)	Values Min (MPa)			
	>	<=			
	-	16	355		
Tensile strength	Nominal thickness (mm)	Values Min (MPa)			
	>	<=	min		max
	-	3	510		680
Elongation (longitudinal)	Nominal thickness (mm)	Values Min (%)			
	>	<=	Long		trans
		40	22		20
Impact strength (longitudinal)	Grade	Nom. Thk.(mm)	Impact Value (J) at Test Temp (°C)		
	J2H	<=120	27J at + 20°C		
Weldability CEV	Nominal thickness (mm)	Values Max (%)			
	>	<=	0.37		
	-	16	0.45		
Durability	Nominal thickness (mm)	Values Max (%)			
	<=40	C:	0.22		
		Mn:	1.60		
		P:	0.030		
		S:	0.030		
		Si:	0.55		
		FF deoxidation*			

Note: \*FF - Fully killed steel containing nitrogen binding elements



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Elongation:  
Tensile Strength:  
Yield Strength: EN10210-1  
Impact Strength:  
Weldability:  
Durability:  
Dangerous Substances: No Performance Determined