

DECLARATION OF PERFORMANCE

(according to regulation EU No 305/2011)

Hollow Section S355-J2H

**Cold formed hollow sections
produced from non-alloy steel
Grade S355J2H / 1.0576 according EN 10219-1**

For use in structural fabrications in accordance with EN 1090 when supplied with 3.1 certification to EN 10204 containing product identification details

**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

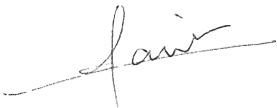
London, SW1A 2ES

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 surveilliance, 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	Round, square and rectangular hollow sections	In accordance with EN 10219-2: 2006	EN10219-1 2006
Yield strength	Nominal thickness (mm)	Values Min (MPa)	
	> <=		
	- 16	355	
Tensile strength	Nominal thickness (mm)	Values Min (MPa)	
	> <=	min max	
	- 3 16	510 680 470 630	
Elongation	Nominal thickness (mm)	Values Min (%)	
	> <=	Long 20	
	16	(18 where Table A.3 Note c applies)	
Impact strength (longitudinal)	Grade	Nom. Thk.(mm)	Impact Value (J) at Test Temp (°C)
	J2H	<=16	27J at + 20°C
Weldability CEV	Nominal thickness (mm)	Values Max (%)	
	> <=		
	- 16	0.45	
Durability	Nominal thickness (mm)	Values Max (%)	
		C: 0,22	
		Si: 0,55	
		Mn: 1,60	
		P: 0,030	
	S: 0.012		
	FF deoxidation*		
	Durability is also dependent on any method of protection subsequently applied and the type and thickness of the coatings		
Note: *FF - Fully killed steel containing nitrogen binding elements			

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Elongation: Tensile Strength: Yield Strength: EN10219-1 Impact Strength: Weldability: Durability: Dangerous Substances: No Performance Determined