

DECLARATION OF PERFORMANCE

(According to regulation EU No 305/2011)
Hollow Section S355-J0H

**Hot formed hollow sections
produced from non-alloy steel
Grade S355J0H / 1.0547 according EN 10210-1**

Hot formed steel hollow sections for general use.
Supplied with 2.2 certification to EN 10204

Tomrods Limited
Hambleton Steel Works, York Road,
Thirsk, YO7 3BT.
Tel: +44 (0)1845 528200
Website: www.tomrods.co.uk

View DoP: www.tomrods.co.uk/standards/downloads

CE 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 assessment 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-0141.



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)		
	> <=	235		
Tensile strength	Nominal thickness (mm)	Values Min (MPa)		
	<=16	min max 360 510		
Elongation (longitudinal)	Nominal thickness (mm)	Values Min (%)		
	<=40	26		
Impact strength (longitudinal)	Grade	Nom. Thk.(mm)		Impact Value (J) at Test Temp (°C)
	J0H	<=120		
Weldability CEV	Nominal thickness (mm)	Values Max (%)		
	<=16	0.37		
Durability	Nominal thickness (mm)	Values Max (%)		
		C: 0,20 Mn: 1,60 P: 0,030 S: 0,030 Si: 0,55 N: 0,012 Cu: 0,55 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			



2273

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