

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

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. 2773)

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 2773-CPR-0141.



John Thompson
Managing Director
Tomrods Limited

Date:
4th May 2014

Essential Characteristic	Performance		Harmonised Technical Specification	
Tolerance on dimensions and shape	Dimensions		EN 10051	
Yield strength (transverse)	Nominal thickness (mm)		Values Min (MPa)	
	>	<		
	-	16	275	
Tensile strength (transverse)	Nominal thickness (mm)		Values Min (MPa)	
	>	<=	min	max
	-	16	430	580
	3	16	410	560
Elongation (transverse)	Nominal thickness (mm)		Values Min (% 80√so)	
	>	<=		
		1	15	
	1	1.5	16	
	1.5	2	17	
	2	2.5	18	
2.5	3	19		
Impact strength (longitudinal)	JR		27J @ +20°C	
Weldability CEV	Nominal thickness (mm)		Values Max (%)	
	>	<=		
	-	16	0.40	
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



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EN 10025-1 - 2004
Strip S355JR / 1.0045

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