

DECLARATION OF PERFORMANCE

(According to regulation EU No

305/2011) No. Plate S355J2

Plate S355J2 / 1.0577 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. 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.



John Thompson
Managing Director
Tomrods Limited

Date:
4th May 2014

Essential Characteristic	Performance		Harmonised Technical Specification
Tolerance on dimensions and shape	Thickness		EN 10029
	Flatness		EN 10029
Yield strength (transverse)	Nominal thickness (mm)		Values Min (MPa)
	>	<=	
	-	16	355
	16	40	345
	40	63	325
	63	80	325
	80	100	315
Tensile strength (transverse)	Nominal thickness (mm)		Values Min (MPa)
	>	<=	min max
	5	100	470 630
	100	150	450 600
	Elongation (transverse)		Values Min (% 5.65√so)
>	<=		
5	40	20	
40	63	19	
63	100	18	
100	150	18	
Impact strength (longitudinal)	JR		27J @ +20°C
	J0		27J @ 0°C
	J2		27J @ -20°C
Weldability CEV	Nominal thickness (mm)		Values Max (%)
	>	<=	
	-	30	0.45
	30	40	0.47
40	150	0.47	
Durability	Nominal thickness (mm)		Values Max (%)
	-	<=40	C: 0,20(>30m)
			Si: 0,55
			Mn: 1,60
			P: 0,025
			S: 0,025
			Cu: 0,55
	>40	150	C: 0,22
			Si: 0,55
			Mn: 1,60
			P: 0,025
			S: 0,025
			Cu: 0,55

EN10025-1 2004



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York Road
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EN 10025-1 - 2004
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To be used in-welded, bolted and riveted structures
Tolerances on dimensions : Plate EN10029

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