

**DECLARATION OF PERFORMANCE**

(According to regulation EU No

305/2011) No. Plate S355J0

**Plate S355J0 / 1.0553 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](http://www.tomrods.co.uk)

View DoP: [www.tomrods.co.uk/standards/downloads](http://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](http://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	
	Thickness			
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	
100	150	295		
Tensile strength (transverse)	Nominal thickness (mm)		Values Min (MPa)	
	>	<=	min	max
	5	100	470	630
	100	150	450	600
			EN10025-1 2004	
Elongation (transverse)	Nominal thickness (mm)		Values Min (% 5.65√s <sub>0</sub> )	
	>	<=		
	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)	<=40	C:	0,21(>30mm)
			Mn:	1,50
	P:	0,035		
	S:	0,035		
	N:	0,012		
	Cu:	0,55		
	Si:	0,55		
	>40	150	C:	0,22
			Mn:	1,50
			P:	0,035
			S:	0,035
			N:	0,012
			Cu:	0,55
			Si:	0,55

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Tomrods Limited Hambleton Steel Works York Road Thirsk YO7 3BT  Plate S355J0
EN 10025-1 - 2004 Plate S355J0 / 1.0553  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