

### DECLARATION OF PERFORMANCE

(According to regulation EU No

305/2011) No. Plate S275JR

#### Plate S275JR / 1.0044 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	275	
	16	40	265	
	40	63	255	
	63	80	245	
	80	100	235	
Tensile strength (transverse)	Nominal thickness (mm)		Values Min (MPa)	
	>	<=	min	max
	5	100	410	560
	100	150	400	540
	Elongation (transverse)		Values Min (% 5.65√s <sub>0</sub> )	
>	<=			
5	40	21		
40	63	20		
63	100	19		
100	150	19		
Impact strength (longitudinal)	JR		27J @ +20°C	
	J0		27J @ 0°C	
	J2		27J @ -20°C	
Weldability CEV	Nominal thickness (mm)		Values Max (%)	
	>	<=		
	-	40	0.40	
	40	150	0.42	
Durability	Nominal thickness (mm)		Values Max (%)	
	-	<=40	C: 0.21	
			Mn: 1.50	
			P: 0.035	
			S: 0.035	
			N: 0.012	
			Cu: 0.55	
	>40	150	C: 0.22	
			Mn: 1.50	
			P: 0.035	
		S: 0.035		
		N: 0.012		
		Cu: 0.55		

EN10025-1 2004



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York Road  
Thirsk  
YO7 3BT

Plate S275JR

EN 10025-1 - 2004  
Plate S275JR / 1.0044

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