

### DECLARATION OF PERFORMANCE

(According to regulation EU No

305/2011) No. Strip S275JR

#### Strip S275JR / 1.0144 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:	0,21
			Mn:	1,50
			P:	0,035
			S:	0,035
			N:	0,012
			Cu:	0,55

EN10025-1 2004



2773

Tomrods Limited  
Hambleton Steel Works  
York Road  
Thirsk  
YO7 3BT

Strip S275JR

EN 10025-1 - 2004  
Strip S275JR / 1.0144

To be used in-welded, bolted and riveted structures

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