

DECLARATION OF PERFORMANCE

(According to regulation EU No

305/2011) No. Plate S275J2

Plate S275J2 / 1.0145 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.



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	
100	150	225		
Tensile strength (transverse)	Nominal thickness (mm)	Values Min (MPa)		
	>	<=	min	max
	5	100	410	560
	100	150	400	540
Elongation (transverse)	Nominal thickness (mm)	Values Min (% , 5.65√s ₀)		
	>	<=		
	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 (%)		
	-	150	C:	0,18
			Mn:	1,50
			P:	0,025
			S:	0,025
			Cu:	0,55

EN10025-1 2 004



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YO7 3BT

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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