

DECLARATION OF PERFORMANCE
 (according to regulation EU No 305/2011)
 No. Plate S275JR
Plate S275JR/1.0045 according EN 10025-2
 To be used in-welding, bolted and riveted structures

Harbex Metal Processing Ltd
 Bulldozer House, New Road
 Sheerness, Kent ME12 1AU
 Tel: 01795 842925
 Website: www.harbex.co.uk

Notified Body (No. 0086)
 BSI Assurance UK Ltd
 Kitemark Court, Davy Avenue
 Knowlhill, Milton Keynes. MK5 8PP
 Tel: 0845 080 9000
 Website: bsigroup.com

System of assessment and verification of constancy of performance of the product:
 System 2+

BSI 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 0086 CPR 771299 and profiling activities up to and including EXC3 as defined in EN1090-02

Harbex Metal Processing Ltd.
 John Hartridge - Managing Director
 1st November 2022

Essential Characteristic	Performance		Harmonised Technical Specification	
Tolerance on dimensions and shape	Thickness		EN10029	
	Flatness		EN10029	
Yield Strength (transverse)	Nominal thickness (mm)		Values Min (Mpa)	
	>	<=		
	-	16	16	355
	16	40	40	345
	40	63	63	325
	63	80	80	325
	80	100	100	315
	100	150	150	295
Tensile strength (transverse)	Nominal thickness (mm)		Values Min (Mpa)	
	>	<=	min	max
	5	100	470	630
	100	150	450	600
Elongation (transverse)	Nominal thickness (mm)		Values Min (% 5.65Iso)	
	>	<=		
	5	40	20	
	40	63	19	
	63	100	18	
	100	150	18	
Impact strength (longitudinal)	JR		27J @ +20°C	
	JO		27J @ - 0°C	
	J2		27J @ 20°C	
Weldability CEV	Nominal thickness (mm)		Value Max (%)	
	≥	≤		
	-	30	0.45	
	30	40	0.47	
	40	150	0.47	
Durability	Nominal thickness (mm)		Value Max (%)	
	-	150	C:	0.24
			Si:	0.55
			Mn:	1.60
			P:	0.035
			S:	0.035
			N:	0.012
		Cu:	0.55	



FPC Certification Number:
0086 CPR 772199

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EN10025-1 2004

EN 10025-1 - 2004
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 Tolerances on dimensions : Plate EN10029

Elongation:
 Tensile Strength:
 Yield Strength: EN10025-2
 Impact Strength:
 Weldability:
 Durability:
 Dangerous Substance: Non Performance Determined