

Declaration of Performance
(according to regulation EU No 305/2011)

No. TSSP S355K2

Unique ID code

Strip S355K2 / 1.0596

Harmonised standard

According to EN 10025-1

Intended use-

To be used in - welded, bolted and riveted structures

Manufacturer

Tata Steel UK Limited
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Authorised representative

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System of AVCP

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

Notified Body Bureau Veritas Italia S.P.A Inspection Services No. 1370 performed the inspection of the manufacturing plant, factory production control, the continuous surveillance assessment and evaluation. The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued under the sole responsibility of Strip Products UK limited

Signed for and on behalf of the manufacturer by:-




Martin Brunnock – Director, Strip Products UK
Tata Steel UK Limited

Date:- August 2020

Declared Performance/s

Essential characteristic	Performance				Harmonised technical specification
	Dimensions		EN 10051		
Tolerances on dimensions and shape					EN10025-1 2004
Yield strength (transverse)	Nominal thickness (mm)		Values Min (MPa)		
	>	<=	355		
Tensile strength (transverse)	Nominal thickness (mm)		Values (MPa)		
	>	<	min	max	
	-	3	510	680	
	3	16	470	630	
Elongation (transverse)	Nominal thickness (mm)		Values min (%. 80mm)		
	>	<=			
		1	12		
	1	1.5	13		
	1.5	2	15		
	2	2.5	16		
	2.5	3	17		
Impact strength (longitudinal)	Nominal thickness (mm)		Values min (%. 5.65√s0)		
	3	16	22		
Weldability CEV	Nominal thickness (mm)		Values max (%)		
	>	<=	0.45		
Durability	Nominal thickness (mm)		Values max (%)		
	-	<=16	C:0,20 Si: 0.55 Mn: 1,60 P: 0,025 S: 0,025 Cu: 0,55		



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EN 10025-1 – 2004

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Tolerances on dimensions : Strip EN10051

Elongation :
Tensile Strength :
Yield Strength : EN10025-2
Impact Strength :
Weldability :
Durability :

Dangerous Substances : No Performance Determined