

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

No. MLE Strip S355J2

Strip S355J2 / 1.0577 according EN 10025-2

To be used in-welded, bolted and riveted structures

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CE Marking Notified Body
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System of assessment and verification of constancy of
performance of the product
System 2+

Notified factory production control certification body No. 0038
performed the initial inspection of the manufacturing plant and of
factory production control and the continuous surveillance,
assessment, and evaluation of factory production control and
issued the certificate of conformity of the factory production
control



Essential characteristic	Performance		Harmonised technical specification	
Tolerances on dimensions and shape	Dimensions		EN 10051	
	Flatness		EN10051	
Yield strength (transverse)	Nominal thickness (mm)		Values Min (MPa)	
	>	<=		
	1.4	16	355	
	16	20	345	
Tensile strength (transverse)	Nominal thickness (mm)		Values (MPa)	
	>	<	min	max
	1.4	3	510	680
	3	20	470	630
Elongation (transverse)	Nominal thickness (mm)		Values min (% , 80mm)	
	>	<=		
	1.4	1.5	15	
	1.5	2	16	
	2	2.5	17	
	2.5	3	18	
	Nominal thickness (mm)		Values min (% , 5.65√s ₀)	
>3	<=20	22		
Impact strength (longitudinal)	J2	27J at -20°C		
Weldability CEV	Nominal thickness (mm)		Values max (%)	
	>	<=		
	1.4	20	0.45	
Durability	Nominal thickness (mm)		Values max (%)	
	>1.4	<=20	C: 0,20 Si: 0.55 Mn: 1.60 P: 0,025 S: 0,025 Cu: 0.55	

EN10025-1 2004



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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