

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

No. LPE Plate S890Q

Plate S890Q / 1.8940 according EN 10025-6

To be used in-welded, bolted and riveted structures

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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	Thickness		EN 10029		EN10025-1 2004
	Flatness		EN 10029		
Yield strength (transverse)	Nominal thickness (mm)		Values Min (Mpa)		
	>	<=			
	-	50	890		
	50	100	830		
Tensile strength (transverse)	Nominal thickness (mm)		Values (MPa)		
	>	<=	min	max	
	5	50	940	1100	
	50	100	880	1100	
Elongation (transverse)	Nominal thickness (mm)		Values min (% , 5.65√s ₀)		
	>	<=			
	-	-	11		
Impact strength (longitudinal)			30J at - 20°C		
Weldability CEV	Nominal thickness (mm)		Values max (%)		
	>	<=			
	-	50	0.72		
	50	100	0.82		
Durability	Nominal thickness (mm)		Values max (%)		
	-	-	C: 0,20 Si: 0,80 Mn: 1,70 P: 0,025 S: 0,015 N: 0,015 B: 0,0050 Cr: 1,50 Cu: 0,50 Mo: 0,70 Nb: 0,06 Ni: 2,0 Ti: 0,05 V: 0,12 Zr: 0,15		



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13

LPE Plate S890Q

EN 10025-1 – 2004

Plate S890Q / 1.8940

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Tolerances on dimensions : Plate EN10029

Elongation :
Tensile Strength :
Yield Strength : EN10025-6
Impact Strength :
Weldability :
Durability :

Dangerous Substances : No Performance Determined

