



DECLARATION OF PERFORMANCE

S235J2W_EN10025-5-04_B_160101E1

1. Unique identification code of the product-type:

Plate S235J2W / 1.8961

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

Plate S235J2W / 1.8961 according to EN 10025-5

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

welded, bolted and riveted structures

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant Article 11(5):

**Aktien-Gesellschaft der Dillinger Hüttenwerke
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D-66763 Dillingen/Saar
Germany
Tel.: +49 6831 47 34 61
Fax: +49 6831 47 30 89
e-mail: info@dillinger.biz**

5. Name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

not applicable

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 2+

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

Notified factory production control certification body No. 0769 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.



8. Declared performance:

Essential characteristic		Performance		Harmonised techn. specification
Tolerances on dimensions / shape	Thickness		EN 10029 Class B	
	Flatness		EN 10029 Class N	
Yield strength	Nominal thickness (mm)		Values	
	>	≤	min (MPa)	
		16	235	
	16	40	225	
	40	100	215	
	100	150	195	
Tensile strength	Nominal thickness (mm)		Values	
	>	≤	min (MPa)	max (MPa)
		100	360	510
	100	150	350	500
Elongation	Nominal thickness (mm)		Values	
	>	≤	min (%)	
		40	24	
	40	63	23	
	63	150	22	
Impact strength	Nominal thickness (mm)		Values	
	>	≤	min (J)	
		150	27 at -20°C	
Weldability	Nominal thickness (mm)		Values	
	>	≤	max (CEV, %)	
		150	0,44	
Durability (chemical composition)	Nominal thickness (mm)		Values	
	>	≤	min (%)	max (%)
		150		0,13
				0,40
			0,20	0,60
				0,035
				0,030
				0,009
			0,25	0,55
				0,65
			0,40	0,80
				0,12
				0,060
			0,10	
		0,020		

EN 10025-1:2004

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Dr. Michael Bott Head of Quality Assurance

Dillingen, 2016-01-01