

31/2186

19-12-2017

DECLARATION OF PERFORMANCE
according to Construction Products Regulation No.305/2011/EU,
Annex III
No.S355J2+AR-CPR-07/2

1. Unique identification code of the product-type:

S355J2+AR according to EN 10025-2:2004

2. Intended use:

to be used in metal structures of non-alloy structural steels

3. Manufacturer:

PRIVATE JOINT STOCK COMPANY
"ILYICH IRON AND STEEL WORKS OF MARIUPOL"

Levchenko str., 1, Mariupol,

Donetsk Region,

87504, Ukraine

Tel.: +380 (629)56-33-30

E-mail: office@ilyichsteel.com

4. System of AVCP:

System 2+

5a. Harmonised standard:

EN 10025-1:2004

Notified body:

№ 0036

TUV SUD Industrie Service GmbH, Westendstr. 199, D – 80686 Munich

6. Declared performance:

Essential characteristic	Performance		Harmonized technical specification
Tolerances on dimensions and shape	Thickness Shape, dimensions	up to 8mm – EN 10051 up to 50mm – EN 10029	EN 10025-2:2004
Yield strength	Nominal thickness (mm)	Values (MPa) min	
	≤16	355	
	>16≤40	345	
	>40≤63	335	
Tensile strength	Nominal thickness (mm)	Values (MPa)	
	<3	min 510 max 680	
	≥3≤100	min 470 max 630	
Elongation	Nominal thickness (mm)	Values (%) min	
	≤1	12	
	>1,0≤1,5	13	
	>1,5≤2,0	14	
	>2,0≤2,5	15	
	>2,5<3	16	
	≥3≤40	20	
	>40≤63	19	
Delivery condition	As-rolled (+AR)		
Impact energy, longitudinal specimen, KV at -20°C	Nominal thickness (mm)	Values (J)	
	≤150	min 27	
Weldability CEV	Nominal thickness (mm)	Values (%) max	
	≤30	0,45	
	>30≤40	0,47	
	>40≤150	0,47	
Chemical composition	Nominal thickness (mm)	Values (%) max	
	≤40	C: 0,23; Si: 0,60; Mn:1,70; P: 0,035; S: 0,035; N: -; Cu:0,60	
	>40	C: 0,24; Si: 0,60; Mn:1,70; P: 0,035; S: 0,035; N: -; Cu:0,60	

The performance of the product identified above is in conformity with the set of declared performance.

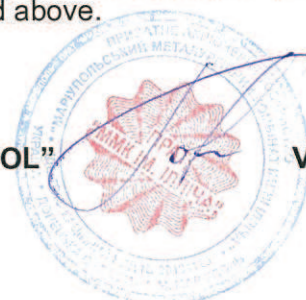
This declaration of performance is issued in accordance with Regulation (EU) No.305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Technology and Quality Director

PJSC “ILYICH IRON AND STEEL WORKS OF MARIUPOL”

V.P. Baranov



Mariupol, 2017/12/19