

31/2191
19-12-2017

DECLARATION OF PERFORMANCE
according to Construction Products Regulation No.305/2011/EU,
Annex III
No.S355K2+N-CPR-10/1

1. Unique identification code of the product-type:
S355K2+N 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	
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	Normalizing rolling (+N)		
Impact energy, longitudinal specimen, KV at -20°C	Nominal thickness (mm)	Values (J)	
	≤150	min 40	
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.

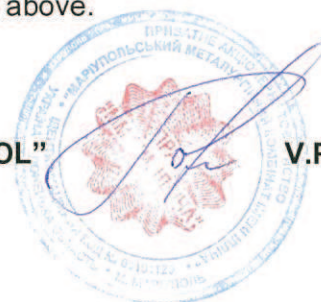
This declaration of performance is issued in accordance with Regulation (EU) No.305/2011, under the sole responsibility of the manufacturer identified above.

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