

Levchenko str., 1 Mariupol, 87504, Donetsk Region, Ukraine https://ilyichsteel.metinvestholding.com

Tel.: + 38 0629 56 40 09 Fax: + 38 0629 56 49 52

E-mail: office.mmk@metinvestholding.com

8 6-01- 2022 N 31/10

DECLARATION OF PERFORMANCE according to Construction Products Regulation (EU) No. 305/2011, Annex III and Amendment No. 574/2014

No.S235J0W+N-CPR-33/1

1. Unique identification code of the product-type:

S235J0W+N

2. Intended use:

to be used in metal structures made from structural steels with improved atmospheric corrosion resistance

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.mmk@metinvestholding.com
Website: https://ilyichsteel.metinvestholding.com

4. System of AVCP:

System 2+

5a. Harmonised standard:

EN 10025-1:2004

Notified body:

The Certification Body for Construction Products and Metal Structures TÜV Thüringen e.V. – Notified Body with registration No. 0090 (Erfurt, Germany) has performed initial inspection of the factory and of the factory production control and carries out the procedure for current surveillance, evaluation and approval of the factory production control.

Essential characteristics	Decla	red performance		Harmonized technical specification
Dimensions, tolerances on dimensions and shape	Thickness Shape, dimensions	EN 10025-1 par. 7.7.1		
	Nominal thickness	Values (I		
	(mm)	min.		
Yield strength	≤16	235		
	>16≤40	225		
	>40≤63	215		
Tensile strength	Nominal thickness (mm)	Values (I		
rensile strettgtif	<3	360 min.	510 max.	
	≥3≤100	360 min.	510 max.	
	Nominal thickness	Values	` '	
	(mm)	min.		
	>1,5≤2	17		
Elongation	>2≤2,5	18		
	>2,5<3	19		
	≥3≤40	24		
D. P	>40≤63	23		
Delivery condition		alizing rolling (+N)		
Impact energy, Iongitudinal	V	/alue (J) min. 27		EN 10025-1:2004
specimens, KV at 0°C				
		C: 0.1 Si: 0.4 P: 0.04 S: 0.04 N: 0.01	15 40 40	
		*The maximun		
	\/aluaa /0/ \ may	nitrogen is not a	pplied if the	
	Values (%) max.	chemical compos		
		minimum total A		
Chemical		0.020%, or ther		
composition		binding elements		
		quantities. Nitro	-	
		elements shall be		
		the inspection Mn: 0.15 -		
		Cr: 0.35 –		
		Cu: 0.33 =		
	Values (%)	**Cr may by reduc		
		the chemical com		
		a minimum Si cor		

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 MARIUPO"



Levchenko str., 1 Mariupol, 87504, Donetsk Region, Ukraine https://ilyichsteel.metinvestholding.com Tel.: +38 0629 56 40 09

Fax: +38 0629 56 49 52

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0 6-01- 2022 N 31/10

DECLARATION OF PERFORMANCE according to Construction Products Regulation (EU) No. 305/2011, Annex III and Amendment No. 574/2014

No.S235J0W+AR-CPR-33/2

1. Unique identification code of the product-type:

S235J0W+AR

2. Intended use:

> to be used in metal structures made from structural steels with improved atmospheric corrosion resistance

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.mmk@metinvestholding.com Website: https://ilyichsteel.metinvestholding.com

4. System of AVCP:

System 2+

5a. Harmonised standard:

EN 10025-1:2004

Notified body:

The Certification Body for Construction Products and Metal Structures TÜV Thüringen e.V. -Notified Body with registration No. 0090 (Erfurt, Germany) has performed initial inspection of the factory and of the factory production control and carries out the procedure for current surveillance, evaluation and approval of the factory production control. A certificate has been issued.

Essential characteristics	Declared performance			Harmonized technical specification
Dimensions, tolerances on dimensions and shape	Thickness Shape, dimensions	EN 10025-1 par. 7.7.1		
Yield strength	Nominal thickness (mm) ≤16 >16≤40	Values (MPa) min. 235 225		
Tensile strength	>40≤63 Nominal thickness (mm) <3 ≥3≤100		IPa) 510 max. 510 max.	
Elongation	Nominal thickness (mm) >1.5≤2 >2≤2.5 >2.5<3 ≥3≤40 >40≤63	Values (%) 17 18 19 24 23	, min.	
Delivery condition		olled (+AR)		
Impact energy,		ie (J) min.		
longitudinal specimens, KV at 0°C	- Valid	27		
Chemical composition	Values (%) max.	C: 0.16 Si: 0.45 P: 0.040 S: 0.040 N: 0.014* *The maximum value for nitrogen is not applied if the chemical composition shows a minimum total Al content of 0.020%, or there are other binding elements in sufficient quantities. Nitrogen binding elements shall be indicated in the inspection document.		EN 10025-1:2004
	Values (%)	Mn: 0.15 – Cr: 0.35 – 0 Cu: 0.20 – **Cr may by re 0.32% if the o composition a minimum Si conte	0.70 0.85** 0.60 educed to chemical shows a	

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

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Technology and Quality Director
PJSC "ILYICH IRON AND STEEL WORKS"

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N 31/10 6 -01- 2022

DECLARATION OF PERFORMANCE according to Construction Products Regulation (EU) No. 305/2011, Annex III and Amendment No. 574/2014

No.S235J2W+N-CPR-34/1

1. Unique identification code of the product-type:

S235J2W+N

2. Intended use:

> to be used in metal structures made from structural steels with improved atmospheric corrosion resistance

3. Manufacturer:

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

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System of AVCP: 4.

System 2+

5a. Harmonised standard:

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Essential characteristics	Decl	ared performance		Harmonized technical specification
Dimensions, tolerances on dimensions and shape	Thickness Shape, dimensions	EN 10025-1 par. 7.7.1		
	Nominal thickness (mm) ≤16	Values (MPa) min.		
Yield strength	>16≤40 >40≤63	235 225 215		
Tensile strength	Nominal thickness (mm)	Values (M	1Pa)	
rensile strengtii	<3 ≥3≤100	360 min. 360 min.	510 max. 510 max.	
Elongation	Nominal thickness (mm) >1.5≤2 >2≤2.5 >2.5<3 ≥3≤40 >40≤63	Values (%) min. 17 18 19 24 23		
Delivery condition		nalizing rolling (+N)		
Impact energy, Iongitudinal		Value (J) min.		EN 10025-1:2004
specimens, KV at -20°C		27		
	Values (%) max	C: 0.16 Si: 0.4 P: 0.04 S: 0.03	5 0 5	
Chemical composition	Values (%)	Mn: 0.15 – 0.70 Cr: 0.35 – 0.85** Cu: 0.20 – 0.60 **Cr may by reduced to 0.32% if the chemical composition shows a minimum Si content of 0.15%		
	Values (%) min	The steels shall co one of the followin Al₀6ωμ ≥ 0.0 Nb: 0.010 − 0 V: 0.01 − 0 Ti: 0.01 − 0 If these elements combination, then must be present specified minim	ntain at leasting elements: 20 or 0.065 or 14 or 0.12. s are used in one of thement with the	

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



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DECLARATION OF PERFORMANCE according to Construction Products Regulation (EU) No. 305/2011, Annex III and Amendment No. 574/2014

No.S235J2W+AR-CPR-34/2

1. Unique identification code of the product-type:

S235J2W+AR

2. Intended use:

to be used in metal structures made from structural steels with improved atmospheric corrosion resistance

Manufacturer:

PRIVATE JOINT STOCK COMPANY

"ILYICH IRON AND STEEL WORKS OF MARIUPOL"

Levchenko str., 1, Mariupol,

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4. System of AVCP:

System 2+

5a. Harmonised standard:

EN 10025-1:2004

Notified body:

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Essential characteristics	Decla	Harmonized technical specification	
Dimensions, tolerances on dimensions and shape	Thickness Shape, dimensions	EN 10025-1 par. 7.7.1	
	Nominal thickness	Values (MPa)	
	(mm)	min.	
Yield strength	≤16	235	
	>16≤40	225	
	>40≤63	215	
Tensile strength	Nominal thickness (mm)	Values (MPa)	
rensile strength	<3	360 min. 510 max.	
	≥3≤100	360 min. 510 max.	
	Nominal thickness	Values (%)	
	(mm)	min.	
	>1.5≤2	17	
Elongation	>2≤2.5	18	
	>2.5<3	19	
	≥3≤40	24	
	>40≤63	23	
Delivery condition	As	s-rolled (+AR)	
Impact energy,	V	alue (J) min.	EN 10025-1:2004
longitudinal specimens, KV at -20ºC		27	
	Values (%) max.	C: 0.16 Si: 0.45 P: 0.040 S: 0.035	
Chemical	Values (%)	Mn: 0.15 – 0.70 Cr: 0.35 – 0.85** Cu: 0.20 – 0.60 **Cr may by reduced to 0.32% if the chemical composition shows a minimum Si content of 0.15%	
composition	Values (%) min.	The steels shall contain at leas one of the following elements: Al₀₀ωμ ≥ 0.020 or Nb: 0,010 − 0.065 or V: 0,01 − 0.14 or Ti: 0,01 − 0.12. If these elements are used in combination, then one of them must be present with the specified minimum content	t

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



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8 6-01- 2022 N 31/10

DECLARATION OF PERFORMANCE according to Construction Products Regulation (EU) No. 305/2011, Annex III and Amendment No. 574/2014

No.S355J0W+N-CPR-37/1

1. Unique identification code of the product-type:

S355J0W+N

Intended use:

to be used in metal structures made from structural steels with improved atmospheric corrosion resistance

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

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4. System of AVCP:

System 2+

5a. Harmonised standard:

EN 10025-1:2004

Notified body:

The Certification Body for Construction Products and Metal Structures TÜV Thüringen e.V. – Notified Body with registration No. 0090 (Erfurt, Germany) has performed initial inspection of the factory and of the factory production control and carries out the procedure for current surveillance, evaluation and approval of the factory production control.

Essential characteristics	Dec	lared performance		Harmonized technical specification
Dimensions, tolerances on dimensions and shape	Thickness Shape, dimensions	EN 10025-1 par. 7.7.1		
Yield strength	Nominal thickness (mm) ≤16	Values (MPa) min. 355		
	>16≤40 >40≤63 Nominal thickness	345 335		
Tensile strength	(mm)	Values (MP	a) 680 max.	
	≥3≤100	510 min. 470 min.	630 max.	
Elongation	Nominal thickness (mm) >1.5≤2 >2≤2.5 >2.5<3	Values (%) min. 14 15		
	≥3≤40 >40≤63	20 19		
Delivery condition	Norr	nalizing rolling (+N)		
Impact energy,		Value (J) min		EN 10025-1:2004
Iongitudinal specimens, KV at 0°C		27		
Chemical composition	Values (%) max.	C: 0.19 Si: 0.55 P: 0.040 S: 0.040 N: 0.014 *The maximum value for nitrogen is not applied if the chemical composition shows a minimum total Al content of 0.020%, or there are other binding elements in sufficient quantities. Nitrogen binding elements shall be indicated in the inspection document.		
	Values (%)	Mn: 0.45 – 1. Cr: 0.35 – 0.8 Cu: 0.20 – 0. **Cr may by reduced the chemical compos a minimum Si conten	60 85** 60 to 0.32% if ition shows	

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

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Technology and Quality Director
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0 6-01- 2022 N 31/10

DECLARATION OF PERFORMANCE according to Construction Products Regulation (EU) No. 305/2011, Annex III and Amendment No. 574/2014

No.S355J0W+AR-CPR-37/2

1. Unique identification code of the product-type:

S355J0W+AR

2. Intended use:

to be used in metal structures made from structural steels with improved atmospheric corrosion resistance

Manufacturer:

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

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Essential characteristics	Decla	Harmonized technical specification		
Dimensions, tolerances on dimensions and shape	Thickness Shape, dimensions	EN 10025-1 par. 7.7.1		
	Nominal thickness (mm)	m	s (MPa) in.	
Yield strength	≤16 >16≤40	3	55 45	
	>40≤63 Nominal thickness (mm)		35 s (MPa)	
Tensile strength	<3 ≥3≤100	510 min. 470 min.	680 max. 630 max.	
	Nominal thickness (mm)	Value m	es (%) in.	
Elongation	>1.5≤2 >2≤2.5 >2.5<3	1	<u>4</u> <u>5</u> 6	
_	≥3≤40 >40≤63	20		
Delivery condition	As	As-rolled (+AR)		
Impact energy,	V	alue (J) min.		EN 40005 4.0004
longitudinal		27		EN 10025-1:2004
specimens, KV at 0°C		C: 0.19		-
		Si: 0 P: 0 S: 0	0.19 0.55 .040 .040 .014*	
Chemical composition	Values (%) max.	nitrogen is no chemical comp minimum tota 0.020%, or the binding element quantities. Nit elements shall	um value for t applied if the osition shows a I Al content of here are other ints in sufficient trogen binding be indicated in	
	Values (%)	Mn: 0.4 Cr: 0.35 Cu: 0.2 **Cr may by reduce chemical comp	on document. 5 - 1.60 - 0.85** 0 - 0.60 ced to 0.32% if the osition shows a ontent of 015%	

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 requestion (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"



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8 −01− 2022

N31/10

DECLARATION OF PERFORMANCE according to Construction Products Regulation (EU) No. 305/2011, Annex III and Amendment No. 574/2014

No.S355J2W+N-CPR-38/1

1. Unique identification code of the product-type:

S355J2W+N

2. Intended use:

> to be used in metal structures made from structural steels with improved atmospheric corrosion resistance

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.mmk@metinvestholding.com

Website: https://ilyichsteel.metinvestholding.com

4. System of AVCP:

System 2+

5a. Harmonised standard:

EN 10025-1:2004

Notified body:

The Certification Body for Construction Products and Metal Structures TÜV Thüringen e.V. - Notified Body with registration No. 0090 (Erfurt, Germany) has performed initial inspection of the factory and of the factory production control and carries out the procedure for current surveillance, evaluation and approval of the factory production control.

Essential characteristics	Declared performance			Harmonized technical specification
Dimensions,	Thickness			
tolerances on	Shape,	EN 10025-1 par.	7.7.1	
dimensions and shape		V/ 1 /MD	,	
	Nominal	Values (MPa	a)	
Viald stress with	thickness (mm) ≤16	min. 355		
Yield strength	>16≤40	345		-
				-
	>40≤63	335		
	Nominal	Values (MPa	a)	
Tensile strength	thickness (mm) <3	<u> </u>	<u> </u>	
		510 min.	680 max.	
	≥3≤100 Nominal	470 min.	630 max.	
		Values (%)		
	thickness (mm)	min.		
	>1.5≤2 >2≤2.5	14		
Elongation	>2\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	15		
	>2.5<3 >3<40	16		
		20		
Delivery condition	>40≤63	19		
Delivery condition Impact energy,	Normalizing rolling (+N)			
longitudinal	Values (J) min.		EN 10025-1:2004	
specimens, KV at -20°C		27		
Specificity, IV at -20 0		C: 0.19		
		Si: 0.55		
	Values (%) max.			
		S: 0.035		
		Mn: 0.45 – 1.0	60	
		Cr: 0.35 - 0.89		
	\/aluga (9/.)	Cu: 0.20 – 0.6	60	
	Values (%)	**Cr may by reduced to 0.32% if the		
		chemical composition		
Chemical		minimum Si content o		
composition		The steels shall conta		
		one of the following		
		Al _{общ} ≥ 0.020		
		Nb: 0.010 – 0.06 V: 0.01 – 0.14		
	Values (%) min			
	. ,	Ti: 0.01 – 0.12 If these elements are used in		
		combination, then one of them		
		must be present w		
		specified minimum		

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



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DECLARATION OF PERFORMANCE according to Construction Products Regulation (EU) No. 305/2011, Annex III and Amendment No. 574/2014

No.S355J2W+AR-CPR-38/2

1. Unique identification code of the product-type:

S355J2W+AR

Intended use:

to be used in metal structures made from structural steels with improved atmospheric corrosion resistance

Manufacturer:

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

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System of AVCP:

System 2+

5a. Harmonised standard:

EN 10025-1:2004

Notified body:

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Essential characteristics	Dec	ared performance	Harmonized technical specification
Dimensions, tolerances on dimensions and shape	Thickness Shape, dimensions	EN 10025-1 par. 7.7.1	
Yield strength	Nominal thickness (mm) ≤16 >16≤40	Values (MPa) min. 355 345	
Tensile strength	>40≤63 Nominal thickness (mm) <3	335 Values (MPa) 510 min. 680 max.	
Elongation	≥3≤100 Nominal thickness (mm) >1.5≤2 >2≤2.5 >2.5<3 ≥3≤40 >40≤63	470 min. 630 max. Values (%) min 14 15 16 20 19	
Delivery condition		As-rolled (+AR)	
Impact energy,		Value (J) min.	-
longitudinal			EN 10025-1:2004
specimens, KV at -20°C		27	
	Values (%) max.	C: 0.19 Si: 0.55 P: 0.035 S: 0.035	
Chemical composition	Values (%)	Mn: 0.45 – 1.60 Cr: 0.35 – 0.85 Cu: 0.20 – 0.60 **Cr may by reduced to 0.32% if the chemical composition shows a minimum Si content of 0.15%	
	Values (%) min.	The steels shall contain at least one of the following elements: Al₀₀щ ≥ 0.020 or Nb: 0,010 − 0.065 or V: 0,01 − 0.14 or Ti: 0,01 − 0.12. If these elements are used in combination, then one of them must be present with the specified minimum content	

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Signed for and on behalf of the manufacturer by:

Technology and Quality Director
PJSC "ILYICH IRON AND STEEL WORKS OF MARIUPOL

E.V. Dunaev

Mariupol, 2022/01/06



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DECLARATION OF PERFORMANCE according to Construction Products Regulation (EU) No. 305/2011, Annex III and Amendment No. 574/2014

No.S355K2W+N-CPR-39/1

1. Unique identification code of the product-type:

S355K2W+N

2. Intended use:

to be used in metal structures made from structural steels with improved atmospheric corrosion resistance

Manufacturer:

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

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Essential characteristics	Declared performance			Harmonized technical specification
Dimensions, tolerances on dimensions and shape	Thickness Shape, dimensions	EN 10025-1 par. 7.7.1		
Vi. II. d	Nominal thickness (mm)	Values (I min.		
Yield strength	≤16 >16≤40 >40≤63	355 345 335		_
Tomoile etremeth	Nominal thickness (mm)	Values (I		
Tensile strength	<3 ≥3≤100	510 min.	680 max.	1
	Nominal thickness (mm)	470 min. Values min.	` '	
Elongation	>1.5≤2 >2≤2.5 >2.5<3	14 15 16		
	≥3≤40 >40≤63	20 19		
Delivery condition	Normalizing rolling (+N)			
Impact energy, Iongitudinal	Value (J) min.			EN 10025-1:2004
specimens, KV at -20°C		40	LIV 10020-1.2004	
	Values (%) max.	C: 0.19 Si: 0.55 P: 0.035 S: 0.035		
Chemical composition	Values (%)	Mn: 0.45 – 1.60 Cr: 0.35 – 0.85** Cu: 0.20 – 0.60 **Cr may by reduced to 0.32% if the chemical composition shows a		
	Values (%) min	minimum Si content of 0.15% The steels shall contain at least one of the following elements: Al₀₀щ ≥ 0.020 or Nb: 0,010 − 0.065 or V: 0.01 − 0.14 or Ti: 0.01 − 0.12. If these elements are used in combination, then one of them must be present with the specified minimum content		*

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 MARK



Levchenko str., 1 Mariupol, 87504, Donetsk Region, Ukraine https://ilyichsteel.metinvestholding.com

Tel.: + 38 0629 56 40 09 Fax: + 38 0629 56 49 52

Fax: + 38 0629 56 49 52 E-mail: office.mmk@metinvestholding.com

0 6-01- 2022 N31/10

DECLARATION OF PERFORMANCE according to Construction Products Regulation (EU) No. 305/2011, Annex III and Amendment No. 574/2014

No.S355K2W+AR-CPR-39/2

1. Unique identification code of the product-type:

S355K2W+AR

2. Intended use:

to be used in metal structures made from structural steels with improved atmospheric corrosion resistance

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.mmk@metinvestholding.com
Website: https://ilyichsteel.metinvestholding.com

4. System of AVCP:

System 2+

5a. Harmonised standard:

EN 10025-1:2004

Notified body:

The Certification Body for Construction Products and Metal Structures TÜV Thüringen e.V. – Notified Body with registration No. 0090 (Erfurt, Germany) has performed initial inspection of the factory and of the factory production control and carries out the procedure for current surveillance, evaluation and approval of the factory production control.

Essential characteristics	Decla	red performance	Harmonized technical specification
Dimensions, tolerances on dimensions and shape	Thickness Shape, dimensions	EN 10025-1 par. 7.7.1	
	Nominal thickness (mm)	Values (MPa) min.	
Yield strength	≤16	355	
	>16≤40	345	
	>40≤63	335	
Tensile strength	Nominal thickness (mm)	Values (MPa)	
rensile strength	<3	510 min 680 max.	
	≥3≤100	470 min 630 max.	
	Nominal thickness	Values (%)	
	(mm)	min.	
	>1,5≤2	14	
Elongation	>2≤2,5	15	
	>2,5<3	16	
	≥3≤40	20	
	>40≤63	19	
Delivery condition	As-rolled (+AR)		
Impact energy,	V	/alue (J) min.	EN 10025-1:2004
longitudinal	40		LIN 10025-1.2004
specimens, KV at -20°C			
		C: 0.19	
	Values (%) max.	Si: 0.55 P: 0.035 S: 0.035	
	,		
		Mn: 0.45 – 1.60	
		Cr: 0.35 – 0.85**	
	14.1	Cu: 0.20 – 0.60	
	Values (%)	**Cr may by reduced to 0.32% i	f
		the chemical composition shows	
Chemical		minimum Si content of 0.15%	
composition			
			:
		· · · · · · · · · · · · · · · · · · ·	
	Values (%) min.	· ·	
	, ,	•	
	*		
			II s
	,		
Chemical composition		the chemical composition shows	a st :

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 MARKEDOL"