

06-01-2022

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**
 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.

6. Declared performance:

Essential characteristics	Declared performance			Harmonized technical specification
Dimensions, tolerances on dimensions and shape	Thickness Shape, dimensions	EN 10025-1 par. 7.7.1		EN 10025-1:2004
Yield strength	Nominal thickness (mm)	Values (MPa) min.		
	≤16	235		
	>16≤40	225		
	>40≤63	215		
Tensile strength	Nominal thickness (mm)	Values (MPa)		
	<3	360 min.	510 max.	
	≥3≤100	360 min.	510 max.	
Elongation	Nominal thickness (mm)	Values (%) min.		
	>1,5≤2	17		
	>2≤2,5	18		
	>2,5<3	19		
	≥3≤40	24		
	>40≤63	23		
Delivery condition	Normalizing rolling (+N)			
Impact energy, longitudinal specimens, KV at 0°C	Value (J) min.			
	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.		
	Values (%)	Mn: 0.15 – 0.70 Cr: 0.35 – 0.85** Cu: 0.20 – 0.60		
		**Cr may be reduced to 0.32% if the chemical composition shows a minimum Si content of 0.15%		

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"

E.V. Dunaev

Mariupol, 2022/01/06



06-01-2022

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.

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Tensile strength	Nominal thickness (mm)	Values (MPa)		
	<3	360 min.	510 max.	
	≥3≤100	360 min.	510 max.	
Elongation	Nominal thickness (mm)	Values (%), min.		
	>1.5≤2	17		
	>2≤2.5	18		
	>2.5<3	19		
	≥3≤40	24		
	>40≤63	23		
Delivery condition	As-rolled (+AR)			
Impact energy, longitudinal specimens, KV at 0°C	Value (J) min.			
	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.		
	Values (%)	Mn: 0.15 – 0.70 Cr: 0.35 – 0.85** Cu: 0.20 – 0.60		
		**Cr may be reduced to 0.32% if the chemical composition shows a minimum Si content of 0.15%		

EN 10025-1:2004

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



E.V. Dunaev

Mariupol, 2022/01/06

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N 31/10

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"**

Levchenko str., 1, Mariupol,
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87504, Ukraine

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Website: <https://ilyichsteel.metinvestholding.com>

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System 2+

- 5a. Harmonised standard:

EN 10025-1:2004

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Tensile strength	Nominal thickness (mm)	Values (MPa)		
	<3	360 min.	510 max.	
	≥3≤100	360 min.	510 max.	
Elongation	Nominal thickness (mm)	Values (%) min.		
	>1.5≤2	17		
	>2≤2.5	18		
	>2.5<3	19		
	≥3≤40	24		
	>40≤63	23		
Delivery condition	Normalizing rolling (+N)			
Impact energy, longitudinal specimens, KV at -20°C	Value (J) min.			
	27			
Chemical composition	Values (%) max	C: 0.16 Si: 0.45 P: 0.040 S: 0.035		
	Values (%)	Mn: 0.15 – 0.70 Cr: 0.35 – 0.85** Cu: 0.20 – 0.60		
		**Cr may be 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: Al _{0.064} ≥ 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		

EN 10025-1:2004

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"

E.V. Dunaev

Mariupol, 2022/01/06



06-01-2022

N 31/10

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

No.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**
 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:

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6. Declared performance:

Essential characteristics	Declared performance			Harmonized technical specification
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Yield strength	Nominal thickness (mm)	Values (MPa) min.		
	≤16	235		
	>16≤40	225		
	>40≤63	215		
Tensile strength	Nominal thickness (mm)	Values (MPa)		
	<3	360 min.	510 max.	
	≥3≤100	360 min.	510 max.	
Elongation	Nominal thickness (mm)	Values (%) min.		
	>1.5≤2	17		
	>2≤2.5	18		
	>2.5<3	19		
	≥3≤40	24		
	>40≤63	23		
Delivery condition	As-rolled (+AR)			
Impact energy, longitudinal specimens, KV at -20°C	Value (J) min.			
	27			
Chemical composition	Values (%) max.	C: 0.16 Si: 0.45 P: 0.040 S: 0.035		
	Values (%)	Mn: 0.15 – 0.70 Cr: 0.35 – 0.85** Cu: 0.20 – 0.60		
		**Cr may be 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: Al _{общ} ≥ 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



06-01-2022

v 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
 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.

6. Declared performance:

Essential characteristics	Declared performance			Harmonized technical specification
Dimensions, tolerances on dimensions and shape	Thickness Shape, dimensions	EN 10025-1 par. 7.7.1		EN 10025-1:2004
Yield strength	Nominal thickness (mm)	Values (MPa) min.		
	≤16	355		
	>16≤40	345		
	>40≤63	335		
Tensile strength	Nominal thickness (mm)	Values (MPa)		
	<3	510 min.	680 max.	
	≥3≤100	470 min.	630 max.	
Elongation	Nominal thickness (mm)	Values (%) min.		
	>1.5≤2	14		
	>2≤2.5	15		
	>2.5<3	16		
	≥3≤40	20		
	>40≤63	19		
Delivery condition	Normalizing rolling (+N)			
Impact energy, longitudinal specimens, KV at 0°C	Value (J) min			
	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 – 1.60 Cr: 0.35 – 0.85** Cu: 0.20 – 0.60		
		**Cr may be reduced to 0.32% if the chemical composition shows a minimum Si content of 0.15%		

EN 10025-1:2004

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

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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



06-01-2022

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
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**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,
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	≤16	355		
	>16≤40	345		
	>40≤63	335		
Tensile strength	Nominal thickness (mm)	Values (MPa)		
	<3	510 min.	680 max.	
	≥3≤100	470 min.	630 max.	
Elongation	Nominal thickness (mm)	Values (%) min.		
	>1.5≤2	14		
	>2≤2.5	15		
	>2.5<3	16		
	≥3≤40	20		
	>40≤63	19		
Delivery condition	As-rolled (+AR)			
Impact energy, longitudinal specimens, KV at 0°C	Value (J) min.			
	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 – 1.60 Cr: 0.35 – 0.85** Cu: 0.20 – 0.60		
		**Cr may be reduced to 0.32% if the chemical composition shows a minimum Si content of 0.15%		

EN 10025-1:2004

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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



06-01-2022

N 31/10

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

No.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:

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control.**

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6. Declared performance:

Essential characteristics	Declared performance			Harmonized technical specification
Dimensions, tolerances on dimensions and shape	Thickness Shape, dimensions	EN 10025-1 par. 7.7.1		EN 10025-1:2004
Yield strength	Nominal thickness (mm)	Values (MPa) min.		
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	>16≤40	345		
	>40≤63	335		
Tensile strength	Nominal thickness (mm)	Values (MPa)		
	<3	510 min.	680 max.	
	≥3≤100	470 min.	630 max.	
Elongation	Nominal thickness (mm)	Values (%) min.		
	>1.5≤2	14		
	>2≤2.5	15		
	>2.5<3	16		
	≥3≤40	20		
	>40≤63	19		
Delivery condition	Normalizing rolling (+N)			
Impact energy, longitudinal specimens, KV at -20°C	Values (J) min.			
	27			
Chemical composition	Values (%) max.	C: 0.19 Si: 0.55 P: 0.035 S: 0.035		
	Values (%)	Mn: 0.45 – 1.60 Cr: 0.35 – 0.85** Cu: 0.20 – 0.60		
		**Cr may be 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: Al _{общ} ≥ 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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Technology and Quality Director

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E.V. Dunaev

Mariupol, 2022/01/06

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**DECLARATION OF PERFORMANCE
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No.S355J2W+AR-CPR-38/2

1. Unique identification code of the product-type:
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 2. Intended use:
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 3. Manufacturer:
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	Values (%)	Mn: 0.45 – 1.60 Cr: 0.35 – 0.85 Cu: 0.20 – 0.60		
		**Cr may be reduced to 0.32% if the chemical composition shows a minimum Si content of 0.15%		
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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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N31/10

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:
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 2. Intended use:
**to be used in metal structures made from structural steels
with improved atmospheric corrosion resistance**
 3. Manufacturer:
PRIVATE JOINT STOCK COMPANY
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	>2.5<3	16		
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	>40≤63	19		
Delivery condition	Normalizing rolling (+N)			
Impact energy, longitudinal specimens, KV at -20°C	Value (J) min.			
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Chemical composition	Values (%) max.	C: 0.19 Si: 0.55 P: 0.035 S: 0.035		
	Values (%)	Mn: 0.45 – 1.60 Cr: 0.35 – 0.85** Cu: 0.20 – 0.60		
		**Cr may be 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: Al _{общ} ≥ 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		

EN 10025-1:2004

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"

E.V. Dunaev

Mariupol, 2022/01/06



06-01-2022

N 31/10

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

No.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.**

A certificate has been issued.

6. Declared performance:

Essential characteristics	Declared performance			Harmonized technical specification
Dimensions, tolerances on dimensions and shape	Thickness Shape, dimensions	EN 10025-1 par. 7.7.1		EN 10025-1:2004
Yield strength	Nominal thickness (mm)	Values (MPa) min.		
	≤16	355		
	>16≤40	345		
	>40≤63	335		
Tensile strength	Nominal thickness (mm)	Values (MPa)		
	<3	510 min	680 max.	
	≥3≤100	470 min	630 max.	
Elongation	Nominal thickness (mm)	Values (%) min.		
	>1,5≤2	14		
	>2≤2,5	15		
	>2,5<3	16		
	≥3≤40	20		
	>40≤63	19		
Delivery condition	As-rolled (+AR)			
Impact energy, longitudinal specimens, KV at -20°C	Value (J) min.			
	40			
Chemical composition	Values (%) max.	C: 0.19 Si: 0.55 P: 0.035 S: 0.035		
	Values (%)	Mn: 0.45 – 1.60 Cr: 0.35 – 0.85** Cu: 0.20 – 0.60		
		**Cr may be 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: Al _{общ} ≥ 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		

EN 10025-1:2004

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"



E.V. Dunaev

Mariupol, 2022/01/06