

*31/2154**19-12-2017*

DECLARATION OF PERFORMANCE
according to Construction Products Regulation No.305/2011/EU,
Annex III
No.S235J0W+N-CPR-33/1

1. Unique identification code of the product-type:
S235J0W+N according to EN 10025-5:2004
 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@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 50mm – EN 10029		EN 10025-5:2004
Yield strength	Nominal thickness (mm)	Values (MPa) min		
	≤16	235		
	>16≤40	225		
	>40≤63	215		
Tensile strength	Nominal thickness (mm)	Values (MPa)		
	<3	min 360	max 510	
	≥3≤100	min 360	max 510	
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 specimen, KV at 0°C	Nominal thickness (mm)	Values (J) min		
	up to 50	27		
Chemical composition	Values (%) max	C: 0,16 Si: 0,45 P: 0,040 S: 0,040 N: 0,010		
	Values (%)	Mn: 0,15 – 0,70 Cr: 0,35 – 0,85 Cu: 0,20 – 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”



VP Baranov

Mariupol, 2017/12/19

81/2155

19-12-2017

DECLARATION OF PERFORMANCE
according to Construction Products Regulation No.305/2011/EU,
Annex III
No.S235J0W+AR-CPR-33/2

1. Unique identification code of the product-type:
S235J0W+AR according to EN 10025-5:2004
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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4. System of AVCP:
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- 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 50mm – EN 10029	EN 10025-5:2004
Yield strength	Nominal thickness (mm)	Values (MPa) min	
	≤16	235	
	>16≤40	225	
	>40≤63	215	
Tensile strength	Nominal thickness (mm)	Values (MPa)	
	<3	min 360 max 510	
	≥3≤100	min 360 max 510	
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 specimen, KV at 0°C	Nominal thickness (mm)	Values (J) min	
	up to 50	27	
Chemical composition	Values (%) max	C: 0,16 Si: 0,45 P: 0,040 S: 0,040 N: 0,010	
	Values (%)	Mn: 0,15 – 0,70 Cr: 0,35 – 0,85 Cu: 0,20 – 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

31/2156
19-12-2017

DECLARATION OF PERFORMANCE
according to Construction Products Regulation No.305/2011/EU,
Annex III
No.S235J2W+N-CPR-34/1

1. Unique identification code of the product-type:
S235J2W+N according to EN 10025-5:2004
 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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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 50mm – EN 10029		EN 10025-5:2004
Yield strength	Nominal thickness (mm)	Values (MPa) min		
	≤16	235		
	>16≤40	225		
	>40≤63	215		
Tensile strength	Nominal thickness (mm)	Values (MPa)		
	<3	min 360	max 510	
	≥3≤100	min 360	max 510	
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 specimen, KV at -20°C	Nominal thickness (mm)	Values (J) min		
	up to 50	27		
Chemical composition	Values (%) max	C: 0,16 Si: 0,45 P: 0,040 S: 0,035 N: 0,010		
	Values (%)	Mn: 0,15 – 0,70 Cr: 0,35 – 0,85 Cu: 0,20 – 0,60		
	Values (%) min	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 10025-5:2004

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”

V.P. Baranov

Mariupol, 2017/12/19



*31/2157**19-12-2017*

DECLARATION OF PERFORMANCE
according to Construction Products Regulation No.305/2011/EU,
Annex III
No.S235J2W+AR-CPR-34/2

1. Unique identification code of the product-type:
S235J2W+AR according to EN 10025-5:2004
 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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 - 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 50mm – EN 10029		EN 10025-5:2004
Yield strength	Nominal thickness (mm)	Values (MPa) min		
	≤16	235		
	>16≤40	225		
	>40≤63	215		
Tensile strength	Nominal thickness (mm)	Values (MPa)		
	<3	min 360	max 510	
	≥3≤100	min 360	max 510	
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 specimen, KV at -20°C	Nominal thickness (mm)	Values (J) min		
	up to 50	27		
Chemical composition	Values (%) max	C: 0,16 Si: 0,45 P: 0,040 S: 0,035 N: 0,010		
	Values (%)	Mn: 0,15 – 0,70 Cr: 0,35 – 0,85 Cu: 0,20 – 0,60		
	Values (%) min	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 10025-5:2004

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"

V.P. Baranov

Mariupol, 2017/12/19



31/2158

19-12-2017

DECLARATION OF PERFORMANCE
according to Construction Products Regulation No.305/2011/EU,
Annex III
No.S355J0WP+N-CPR-35/1

1. Unique identification code of the product-type:
S355J0WP+N according to EN 10025-5:2004
 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@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 40mm – EN 10029		EN 10025-5:2004
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		
	>1,5≤2	14		
	>2≤2,5	15		
	>2,5<3	16		
	≥3≤40	20		
Delivery condition	Normalizing rolling (+N)			
Impact energy, longitudinal specimen, KV at 0°C	Nominal thickness (mm)	Values (J) min		
	up to 40	27		
Chemical composition	Values (%) max	C: 0,15 Si: 0,80 Mn: 1,1 S: 0,040 N: 0.010		
	Values (%)	P: 0,05 – 0.16 Cr: 0,25 – 1,35 Cu: 0,20 – 0,60		

EN 10025-5:2004

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"

V.P. Baranov



Mariupol, 2017/12/19

31/2159

19-12-2017

DECLARATION OF PERFORMANCE
according to Construction Products Regulation No.305/2011/EU,
Annex III
No.S355J0WP+AR-CPR-35/2

1. Unique identification code of the product-type:
S355J0WP+AR according to EN 10025-5:2004
 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,
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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 40mm – EN 10029		EN 10025-5:2004
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		
	>1,5≤2	14		
	>2≤2,5	15		
	>2,5<3	16		
	≥3≤40	20		
Delivery condition	As-rolled (+AR)			
Impact energy, longitudinal specimen, KV at 0°C	Nominal thickness (mm)	Values (J) min		
	up to 40	27		
Chemical composition	Values (%) max	C: 0,15 Si: 0,80 Mn: 1,1 S: 0,040 N: 0.010		
	Values (%)	P: 0,05 – 0.16 Cr: 0,25 – 1,35 Cu: 0,20 – 0,60		

EN 10025-5:2004

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”

V.P. Baranov



Mariupol, 2017/12/19

*31/2160*19-12-2017

DECLARATION OF PERFORMANCE
according to Construction Products Regulation No.305/2011/EU,
Annex III
No.S355J2WP+N-CPR-36/1

1. Unique identification code of the product-type:
S355J2WP+N according to EN 10025-5:2004
 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
Tel.: +380 (629)56-33-30
E-mail: office@ilyichsteel.com
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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 40mm – EN 10029		EN 10025-5:2004
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		
	>1,5≤2	14		
	>2≤2,5	15		
	>2,5<3	16		
	≥3≤40	20		
Delivery condition	Normalizing rolling (+N)			
Impact energy, longitudinal specimen, KV at -20°C	Nominal thickness (mm)	Values (J) min		
	up to 40	27		
Chemical composition	Values (%) max	C: 0,15 Si: 0,80 Mn: 1,1 S: 0,035 N: -		
	Values (%)	P: 0,05 – 0,16 Cr: 0,25 – 1,35 Cu: 0,20 – 0,60		
	Values (%) min	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 10025-5:2004

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”

V.P. Baranov

Mariupol, 2017/12/19



31/2161
19-12-2017

DECLARATION OF PERFORMANCE
according to Construction Products Regulation No.305/2011/EU,
Annex III
No.S355J2WP+AR-CPR-36/2

1. Unique identification code of the product-type:
S355J2WP+AR according to EN 10025-5:2004
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
Tel.: +380 (629)56-33-30
E-mail: office@ilyichsteel.com**
4. System of AVCP:
System 2+
- 5a. Harmonised standard:
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- 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 40mm – EN 10029		EN 10025-5:2004
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		
	>1,5≤2	14		
	>2≤2,5	15		
	>2,5<3	16		
	≥3≤40	20		
Delivery condition	As-rolled (+AR)			
Impact energy, longitudinal specimen, KV at -20°C	Nominal thickness (mm)	Values (J) min		
	up to 40	27		
Chemical composition	Values (%) max	C: 0,15 Si: 0,80 Mn: 1,1 S: 0,035 N: -		
	Values (%)	P: 0,05 – 0,16 Cr: 0,25 – 1,35 Cu: 0,20 – 0,60		
	Values (%) min	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		

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

*31/2162**19-12-2017*

DECLARATION OF PERFORMANCE
according to Construction Products Regulation No.305/2011/EU,
Annex III
No.S355J0W+N-CPR-37/1

1. Unique identification code of the product-type:
S355J0W+N according to EN 10025-5:2004
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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Levchenko str., 1, Mariupol,
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87504, Ukraine
Tel.: +380 (629)56-33-30
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4. System of AVCP:
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- 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 50mm – EN 10029		EN 10025-5:2004
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		
	>1,5≤2	14		
	>2≤2,5	15		
	>2,5<3	16		
	≥3≤40	20		
	>40≤63	19		
Delivery condition	Normalizing rolling (+N)			
Impact energy, longitudinal specimen, KV at 0°C	Nominal thickness (mm)	Values (J) min		
	up to 50	27		
Chemical composition	Values (%) max	C: 0,19 Si: 0,55 P: 0,040 S: 0,040 N: 0,010		
	Values (%)	Mn: 0,45 – 1,60 Cr: 0,35 – 0,85 Cu: 0,20 – 0,60		

EN 10025-5:2004

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”

V.P. Baranov



Mariupol, 2017/12/19

81/2163

19-12-2017

DECLARATION OF PERFORMANCE
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Annex III
No.S355J0W+AR-CPR-37/2

1. Unique identification code of the product-type:
S355J0W+AR according to EN 10025-5:2004
 2. Intended use:
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with improved atmospheric corrosion resistance**
 3. Manufacturer:
**PRIVATE JOINT STOCK COMPANY
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87504, Ukraine
Tel.: +380 (629)56-33-30
E-mail: office@ilyichsteel.com**
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 - 5a. Harmonised standard:
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- Notified body:
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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 50mm – EN 10029		EN 10025-5:2004
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		
	>1,5≤2	14		
	>2≤2,5	15		
	>2,5<3	16		
	≥3≤40	20		
	>40≤63	19		
Delivery condition	As-rolled (+AR)			
Impact energy, longitudinal specimen, KV at 0°C	Nominal thickness (mm)	Values (J) min		
	up to 50	27		
Chemical composition	Values (%) max	C: 0,19 Si: 0,55 P: 0,040 S: 0,040 N: 0,010		
	Values (%)	Mn: 0,45 – 1,60 Cr: 0,35 – 0,85 Cu: 0,20 – 0,60		

EN 10025-5:2004

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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”

V.P. Baranov



Mariupol, 2017/12/19

38/2164

19-12-2017

DECLARATION OF PERFORMANCE
according to Construction Products Regulation No.305/2011/EU,
Annex III
No.S355J2W+N-CPR-38/1

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:
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4. System of AVCP:
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- 5a. Harmonised standard:
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- Notified body:
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6. Declared performance:

Essential characteristic	Performance			Harmonized technical specification
Tolerances on dimensions and shape	Thickness Shape, dimensions	up to 50mm – EN 10029		EN 10025-5:2004
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		
	>1,5≤2	14		
	>2≤2,5	15		
	>2,5<3	16		
	≥3≤40	20		
	>40≤63	19		
Delivery condition	Normalizing rolling (+N)			
Impact energy, longitudinal specimen, KV at -20°C	Nominal thickness (mm)	Values (J) min		
	up to 50	27		
Chemical composition	Values (%) max	C: 0,19 Si: 0,55 P: 0,035 S: 0,035 N: -		
	Values (%)	Mn: 0,45 – 1,60 Cr: 0,35 – 0,85 Cu: 0,20 – 0,60		
	Values (%) min	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 10025-5:2004

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"

V.P. Baranov

Mariupol, 2017/12/19



*31/2165*19-12-2017

DECLARATION OF PERFORMANCE
according to Construction Products Regulation No.305/2011/EU,
Annex III
No.S355J2W+AR-CPR-38/2

1. Unique identification code of the product-type:
S355J2W+AR according to EN 10025-5:2004
 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@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 50mm – EN 10029		EN 10025-5:2004
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		
	>1,5≤2	14		
	>2≤2,5	15		
	>2,5<3	16		
	≥3≤40	20		
	>40≤63	19		
Delivery condition	As-rolled (+AR)			
Impact energy, longitudinal specimen, KV at -20°C	Nominal thickness (mm)	Values (J) min		
	up to 50	27		
Chemical composition	Values (%) max	C: 0,19 Si: 0,55 P: 0,035 S: 0,035 N: -		
	Values (%)	Mn: 0,45 – 1,60 Cr: 0,35 – 0,85 Cu: 0,20 – 0,60		
	Values (%) min	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 10025-5:2004

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”

V.P. Baranov

Mariupol, 2017/12/19



31/2166
19-12-2017

DECLARATION OF PERFORMANCE
according to Construction Products Regulation No.305/2011/EU,
Annex III
No.S355K2W+N-CPR-39/1

1. Unique identification code of the product-type:
S355K2W+N according to EN 10025-5:2004
 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@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 50mm – EN 10029		EN 10025-5:2004
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		
	>1,5≤2	14		
	>2≤2,5	15		
	>2,5<3	16		
	≥3≤40	20		
	>40≤63	19		
Delivery condition	Normalizing rolling (+N)			
Impact energy, longitudinal specimen, KV at -20°C	Nominal thickness (mm)	Values (J) min		
	up to 50	40		
Chemical composition	Values (%) max	C: 0,19 Si: 0,55 P: 0,035 S: 0,035 N: 0,010		
	Values (%)	Mn: 0,45 – 1,60 Cr: 0,35 – 0,85 Cu: 0,20 – 0,60		
	Values (%) min	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		

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



31/2164

19-12-2017

DECLARATION OF PERFORMANCE
according to Construction Products Regulation No.305/2011/EU,
Annex III
No.S355K2W+AR-CPR-39/2

1. Unique identification code of the product-type:
S355K2W+AR according to EN 10025-5:2004
 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@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 50mm – EN 10029		EN 10025-5:2004
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		
	>1,5≤2	14		
	>2≤2,5	15		
	>2,5<3	16		
	≥3≤40	20		
	>40≤63	19		
Delivery condition	As-rolled (+AR)			
Impact energy, longitudinal specimen, KV at -20°C	Nominal thickness (mm)	Values (J) min		
	up to 50	40		
Chemical composition	Values (%) max	C: 0,19 Si: 0,55 P: 0,035 S: 0,035 N: 0,010		
	Values (%)	Mn: 0,45 – 1,60 Cr: 0,35 – 0,85 Cu: 0,20 – 0,60		
	Values (%) min	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		

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

