



Declaration of Performance
(according to regulation EU No 305/2011)

No AMRO-2/01-CPR-18-01
1) Code of the product type: **S235JR**
According EN 10025-2

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

2) ArcelorMittal Belval & Differdange
Site of Rodange
2, rue de l'industrie
L-4823 Rodange (G.D. of Luxembourg)
Tel: +352 5019 2366
sections.arcelormittal.com

System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0769
Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl,
Holz und Steine performed the initial inspection of the manufacturing
plant and of factory production control and the continuous surveillance,
assessment, and evaluation of factory production control and issued
the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Henri Reding
Site Manager Rodange

Date: 01.02.2021

Essential characteristic		Performance		Harmonised technical specification	
Tolerances on dimensions and shape	L		EN 10056-2		EN 10025-1:2004
	□		EN 10059		
	UPN		EN 10279		
Yield strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min		
		16	235		
	16	40	225		
	40	63	215		
	63	80	215		
	80	100	215		
	100	150	195		
150	160	185			
Tensile strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min	max	
	≤3	100	360	510	
	100	150	350	500	
	150	160	340	490	
Elongation	Nominal thickness (mm)		Values (%)		
	>	≤	min		
	≤3	40	26		
	40	63	25		
	63	100	24		
	100	150	22		
150	160	21			
Impact strength	Nominal thickness (mm)		Values (J)		
	>	≤	min		
		160	27 / 20°C		
Weldability	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		30	0,35		
	30	40	0,35		
	40	150	0,38		
150	160	0,40			
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)		
	>	≤	min	max	
		160		C : 0,17-0,20 Mn : 1,40 P : 0,040 Cu : 0,55 S : 0,040 N : 0,012	



Declaration of Performance
(according to regulation EU No 305/2011)

- 1) No AMRO-2/02-CPR-18-01
Code of the product type: **S235J0**
According EN 10025-2

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

- 2) ArcelorMittal Belval & Differdange
Site of Rodange
2, rue de l'industrie
L-4823 Rodange (G.D. of Luxembourg)
Tel: +352 5019 2366
sections.arcelormittal.com

System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0769
Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl,
Holz und Steine performed the initial inspection of the manufacturing
plant and of factory production control and the continuous surveillance,
assessment, and evaluation of factory production control and issued
the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Henri Reding
Site Manager Rodange

Date: 01.02.2021

Essential characteristic		Performance		Harmonised technical specification	
Tolerances on dimensions and shape	L		EN 10056-2		EN 10025-1:2004
	□		EN 10059		
	UPN		EN 10279		
Yield strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min		
		16	235		
	16	40	225		
	40	63	215		
	63	80	215		
	80	100	215		
	100	150	195		
150	160	185			
Tensile strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min	max	
	≤3	100	360	510	
	100	150	350	500	
	150	160	340	490	
Elongation	Nominal thickness (mm)		Values (%)		
	>	≤	min		
	≤3	40	26		
	40	63	25		
	63	100	24		
	100	150	22		
150	160	21			
Impact strength	Nominal thickness (mm)		Values (J)		
	>	≤	min		
		160	27 / 0°C		
Weldability	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		30	0,35		
	30	40	0,35		
	40	150	0,38		
150	160	0,40			
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)		
	>	≤	min	max	
		160		C : 0,17 Mn : 1,40 P : 0,035 Cu : 0,55 S : 0,035 N : 0,012	



Declaration of Performance
(according to regulation EU No 305/2011)

- 1) No AMRO-2/03-CPR-18-01
Code of the product type: **S235J2**
According EN 10025-2

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

- 2) ArcelorMittal Belval & Differdange
Site of Rodange
2, rue de l'industrie
L-4823 Rodange (G.D. of Luxembourg)
Tel: +352 5019 2366
sections.arcelormittal.com

System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0769
Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl, Holz und Steine performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Henri Reding
Site Manager Rodange

Date: 01.02.2021

Essential characteristic		Performance		Harmonised technical specification
Tolerances on dimensions and shape	L		EN 10056-2	
	□		EN 10059	
	UPN		EN 10279	
Yield strength	Nominal thickness (mm)		Values (MPa)	
	>	≤	min	
		16	235	
	16	40	225	
	40	63	215	
	63	80	215	
	80	100	215	
	100	150	195	
150	160	185		
Tensile strength	Nominal thickness (mm)		Values (MPa)	
	>	≤	min	max
	≤3	100	360	510
	100	150	350	500
	150	160	340	490
Elongation	Nominal thickness (mm)		Values (%)	
	>	≤	min	
	≤3	40	26	
	40	63	25	
	63	100	24	
	100	150	22	
150	160	21		
Impact strength	Nominal thickness (mm)		Values (J)	
	>	≤	min	
		160	27 / -20°C	
Weldability	Nominal thickness (mm)		Values (%)	
	>	≤	max	
		30	0,35	
	30	40	0,35	
	40	150	0,38	
150	160	0,40		
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)	
	>	≤	min	max
		160		C : 0,17 Mn : 1,40 P : 0,030 Cu : 0,55 S : 0,030

EN 10025-1:2004



Declaration of Performance
(according to regulation EU No 305/2011)

No AMRO-2/04-CPR-18-01
1) Code of the product type: **S275JR**
According EN 10025-2

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

2) ArcelorMittal Belval & Differdange
Site of Rodange
2, rue de l'industrie
L-4823 Rodange (G.D. of Luxembourg)
Tel: +352 5019 2366
sections.arcelormittal.com

System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0769
Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl,
Holz und Steine performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Henri Reding
Site Manager Rodange

Date: 01.02.2021

Essential characteristic		Performance		Harmonised technical specification	
Tolerances on dimensions and shape	L	EN 10056-2		EN 10025-1:2004	
	□	EN 10059			
	UPN	EN 10279			
Yield strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min		
		16	275		
	16	40	265		
	40	63	255		
	63	80	245		
	80	100	235		
	100	150	225		
150	160	215			
Tensile strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min	max	
	≤3	100	410	560	
	100	150	400	540	
	150	160	380	540	
Elongation	Nominal thickness (mm)		Values (%)		
	>	≤	min		
	≤3	40	23		
	40	63	22		
	63	100	21		
	100	150	19		
150	160	18			
Impact strength	Nominal thickness (mm)		Values (J)		
	>	≤	min		
	160	27 / 20°C			
Weldability	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		30	0,40		
	30	40	0,40		
	40	150	0,42		
150	160	0,44			
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)		
	>	≤	min	max	
	160		C : 0,21-0,22 Mn : 1,50 P : 0,040 Cu : 0,55 S : 0,040 N : 0,012		



Declaration of Performance
(according to regulation EU No 305/2011)

- No AMRO-2/05-CPR-18-01
1) Code of the product type: **S275J0**
According EN 10025-2

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

- 2) ArcelorMittal Belval & Differdange
Site of Rodange
2, rue de l'industrie
L-4823 Rodange (G.D. of Luxembourg)
Tel: +352 5019 2366
sections.arcelormittal.com

System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0769
Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl,
Holz und Steine performed the initial inspection of the manufacturing
plant and of factory production control and the continuous surveillance,
assessment, and evaluation of factory production control and issued
the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Henri Reding
Site Manager Rodange

Date: 01.02.2021

Essential characteristic		Performance		Harmonised technical specification	
Tolerances on dimensions and shape	L		EN 10056-2		EN 10025-1:2004
	□		EN 10059		
	UPN		EN 10279		
Yield strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min		
		16	275		
	16	40	265		
	40	63	255		
	63	80	245		
	80	100	235		
	100	150	225		
150	160	215			
Tensile strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min	max	
	≤3	100	410	560	
	100	150	400	540	
	150	160	380	540	
Elongation	Nominal thickness (mm)		Values (%)		
	>	≤	min		
	≤3	40	23		
	40	63	22		
	63	100	21		
	100	150	19		
150	160	18			
Impact strength	Nominal thickness (mm)		Values (J)		
	>	≤	min		
		160	27 / 0°C		
Weldability	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		30	0,40		
	30	40	0,40		
	40	150	0,42		
150	160	0,44			
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)		
	>	≤	min	max	
	160		C : 0,18 Mn : 1,50 P : 0,035 Cu : 0,55 S : 0,035 N : 0,012		



Declaration of Performance
(according to regulation EU No 305/2011)

- 1) No AMRO-2/06-CPR-18-01
Code of the product type: **S275J2**
According EN 10025-2

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

- 2) ArcelorMittal Belval & Differdange
Site of Rodange
2, rue de l'industrie
L-4823 Rodange (G.D. of Luxembourg)
Tel: +352 5019 2366
sections.arcelormittal.com

System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0769
Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl,
Holz und Steine performed the initial inspection of the manufacturing
plant and of factory production control and the continuous surveillance,
assessment, and evaluation of factory production control and issued
the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Henri Reding
Site Manager Rodange

Date: 01.02.2021

Essential characteristic		Performance		Harmonised technical specification	
Tolerances on dimensions and shape	L		EN 10056-2		EN 10025-1:2004
	□		EN 10059		
	UPN		EN 10279		
Yield strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min		
		16	275		
	16	40	265		
	40	63	255		
	63	80	245		
	80	100	235		
	100	150	225		
150	160	215			
Tensile strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min	max	
	≤3	100	410	560	
	100	150	400	540	
	150	160	380	540	
Elongation	Nominal thickness (mm)		Values (%)		
	>	≤	min		
	≤3	40	23		
	40	63	22		
	63	100	21		
	100	150	19		
150	160	18			
Impact strength	Nominal thickness (mm)		Values (J)		
	>	≤	min		
	160	27 / -20°C			
Weldability	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		30	0,40		
	30	40	0,40		
	40	150	0,42		
150	160	0,44			
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)		
	>	≤	min	max	
	160		C : 0,18 Mn : 1,50 P : 0,030 Cu : 0,55 S : 0,030		



Declaration of Performance
(according to regulation EU No 305/2011)

- 1) No AMRO-2/07-CPR-18-01
Code of the product type: **S355JR**
According EN 10025-2

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

- 2) ArcelorMittal Belval & Differdange
Site of Rodange
2, rue de l'industrie
L-4823 Rodange (G.D. of Luxembourg)
Tel: +352 5019 2366
sections.arcelormittal.com

System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0769
Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl, Holz und Steine performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Henri Reding
Site Manager Rodange

Date: 01.02.2021

Essential characteristic		Performance		Harmonised technical specification
Tolerances on dimensions and shape	L		EN 10056-2	
	□		EN 10059	
	UPN		EN 10279	
Yield strength	Nominal thickness (mm)		Values (MPa)	
	>	≤	min	
		16	355	
	16	40	345	
	40	63	335	
	63	80	325	
	80	100	315	
	100	150	295	
150	160	285		
Tensile strength	Nominal thickness (mm)		Values (MPa)	
	>	≤	min	max
	≤3	100	470	630
	100	150	450	600
	150	160	450	600
Elongation	Nominal thickness (mm)		Values (%)	
	>	≤	min	
	≤3	40	22	
	40	63	21	
	63	100	20	
	100	150	18	
150	160	17		
Impact strength	Nominal thickness (mm)		Values (J)	
	>	≤	min	
		160	27 / 20°C	
Weldability	Nominal thickness (mm)		Values (%)	
	>	≤	max	
		30	0,45	
	30	40	0,47	
	40	150	0,47	
150	160	0,49		
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)	
	>	≤	min	max
	160			C : 0,24 Si : 0,55 Mn : 1,60 P : 0,040 Cu : 0,55 S : 0,040 N : 0,012

EN 10025-1:2004



Declaration of Performance
(according to regulation EU No 305/2011)

- No AMRO-2/08-CPR-18-01
1) Code of the product type: **S355J0**
According EN 10025-2

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

- 2) ArcelorMittal Belval & Differdange
Site of Rodange
2, rue de l'industrie
L-4823 Rodange (G.D. of Luxembourg)
Tel: +352 5019 2366
sections.arcelormittal.com

System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0769
Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl,
Holz und Steine performed the initial inspection of the manufacturing
plant and of factory production control and the continuous surveillance,
assessment, and evaluation of factory production control and issued
the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Henri Reding
Site Manager Rodange

Date: 01.02.2021

Essential characteristic		Performance		Harmonised technical specification	
Tolerances on dimensions and shape	L		EN 10056-2		EN 10025-1:2004
	□		EN 10059		
	UPN		EN 10279		
Yield strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min		
		16	355		
	16	40	345		
	40	63	335		
	63	80	325		
	80	100	315		
	100	150	295		
150	160	285			
Tensile strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min	max	
	≤3	100	470	630	
	100	150	450	600	
	150	160	450	600	
Elongation	Nominal thickness (mm)		Values (%)		
	>	≤	min		
	≤3	40	22		
	40	63	21		
	63	100	20		
	100	150	18		
150	160	17			
Impact strength	Nominal thickness (mm)		Values (J)		
	>	≤	min		
		160	27 / 0°C		
Weldability	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		30	0,45		
	30	40	0,47		
	40	150	0,47		
150	160	0,49			
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)		
	>	≤	min	max	
		160		C : 0,20-0,22 Si : 0,55 Mn : 1,60 P : 0,035 Cu : 0,55 S : 0,035 N : 0,012	

Declaration of Performance
(according to regulation EU No 305/2011)

- No AMRO-2/09-CPR-18-01
1) Code of the product type: **S355J2**
According EN 10025-2

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

- 2) ArcelorMittal Belval & Differdange
Site of Rodange
2, rue de l'industrie
L-4823 Rodange (G.D. of Luxembourg)
Tel: +352 5019 2366
sections.arcelormittal.com

System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0769
Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl,
Holz und Steine performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Henri Reding
Site Manager Rodange



Date: 01.02.2021

Essential characteristic		Performance		Harmonised technical specification
Tolerances on dimensions and shape	L		EN 10056-2	
	□		EN 10059	
	UPN		EN 10279	
Yield strength	Nominal thickness (mm)		Values (MPa)	
	>	≤	min	
		16	355	
	16	40	345	
	40	63	335	
	63	80	325	
	80	100	315	
	100	150	295	
150	200	285		
Tensile strength	Nominal thickness (mm)		Values (MPa)	
	>	≤	min	max
	≤3	100	470	630
	100	150	450	600
	150	200	450	600
Elongation	Nominal thickness (mm)		Values (%)	
	>	≤	min	
	≤3	40	22	
	40	63	21	
	63	100	20	
	100	150	18	
150	200	17		
Impact strength	Nominal thickness (mm)		Values (J)	
	>	≤	min	
		200	27 / -20°C	
Weldability	Nominal thickness (mm)		Values (%)	
	>	≤	max	
		30	0,45	
	30	40	0,47	
	40	150	0,47	
150	200	0,49		
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)	
	>	≤	min	max
		200		C : 0,20-0,22 Si : 0,55 Mn : 1,60 Cu : 0,55 S : 0,030 P : 0,030

EN 10025-1:2004

Declaration of Performance
(according to regulation EU No 305/2011)

- No AMRO-2/10-CPR-18-01
1) Code of the product type: **S355K2**
According EN 10025-2

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

- 2) ArcelorMittal Belval & Differdange
Site of Rodange
2, rue de l'industrie
L-4823 Rodange (G.D. of Luxembourg)
Tel: +352 5019 2366
sections.arcelormittal.com

System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0769
Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl,
Holz und Steine performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Henri Reding
Site Manager Rodange



Date: 01.02.2021

Essential characteristic		Performance		Harmonised technical specification	
Tolerances on dimensions and shape	L		EN 10056-2		EN 10025-1:2004
	□		EN 10059		
	UPN		EN 10279		
Yield strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min		
		16	355		
	16	40	345		
	40	63	335		
	63	80	325		
	80	100	315		
	100	150	295		
150	160	285			
Tensile strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min	max	
	≤3	100	470	630	
	100	150	450	600	
	150	160	450	600	
Elongation	Nominal thickness (mm)		Values (%)		
	>	≤	min		
	≤3	40	22		
	40	63	21		
	63	100	20		
	100	150	18		
150	160	17			
Impact strength	Nominal thickness (mm)		Values (J)		
	>	≤	min		
		160	40 / -20°C		
Weldability	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		30	0,45		
	30	40	0,47		
	40	150	0,47		
150	160	0,49			
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)		
	>	≤	min	max	
	160			C : 0,20-0,22 Si : 0,55 Mn : 1,60 Cu : 0,55 S : 0,030 P : 0,030	



Declaration of Performance
(according to regulation EU No 305/2011)

- No AMRO-2/11-CPR-18-01
1) Code of the product type: **S450J0**
According EN 10025-2

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

- 2) ArcelorMittal Belval & Differdange
Site of Rodange
2, rue de l'industrie
L-4823 Rodange (G.D. of Luxembourg)
Tel: +352 5019 2366
sections.arcelormittal.com

System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0769
Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl, Holz und Steine performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Henri Reding
Site Manager Rodange

Date: 01.02.2021

Essential characteristic		Performance		Harmonised technical specification
Tolerances on dimensions and shape	L		EN 10056-2	
	□		EN 10059	
	UPN		EN 10279	
Yield strength	Nominal thickness (mm)		Values (MPa)	
	>	≤	min	
		16	450	
	16	40	430	
	40	63	410	
	63	80	390	
	80	100	380	
	100	150	380	
Tensile strength	Nominal thickness (mm)		Values (MPa)	
	>	≤	min	max
	≤3	100	550	720
	100	150	530	700
Elongation	Nominal thickness (mm)		Values (%)	
	>	≤	min	
	≤3	40	17	
	40	63	17	
	63	100	17	
Impact strength	Nominal thickness (mm)		Values (J)	
	>	≤	min	
		150	27 / 0°C	
Weldability	Nominal thickness (mm)		Values (%)	
	>	≤	max	
		30	0,47	
	30	40	0,49	
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)	
	>	≤	min	max
	150		C : 0,20 Si : 0,55 Mn : 1,70 P : 0,035 Cu : 0,55 S : 0,035 N : 0,025	

EN 10025-1:2004



Declaration of Performance
(according to regulation EU No 305/2011)

- No AMRO-2/12-CPR-20-01
1) Code of the product type: **S460JR**
According EN 10025-2

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

- 2) ArcelorMittal Belval & Differdange
Site of Rodange
2, rue de l'industrie
L-4823 Rodange (G.D. of Luxembourg)
Tel: +352 5019 2366
sections.arcelormittal.com

System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0769
Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl, Holz und Steine performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Henri Reding
Site Manager Rodange

Date: 01.02.2021

Essential characteristic		Performance		Harmonised technical specification
Tolerances on dimensions and shape	L		EN 10056-2	
	□		EN 10059	
	UPN		EN 10279	
Yield strength	Nominal thickness (mm)		Values (MPa)	
	>	≤	min	
		16	460	
	16	40	440	
	40	63	420	
	63	80	400	
	80	100	390	
	100	150	390	
Tensile strength	Nominal thickness (mm)		Values (MPa)	
	>	≤	min	max
	≤3	100	550	720
	100	150	530	700
Elongation	Nominal thickness (mm)		Values (%)	
	>	≤	min	
	≤3	40	17	
	40	63	17	
	63	100	17	
Impact strength	Nominal thickness (mm)		Values (J)	
	>	≤	min	
		150	27 / 20°C	
Weldability	Nominal thickness (mm)		Values (%)	
	>	≤	max	
		30	0,47	
	30	40	0,49	
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)	
	>	≤	min	max
	150		C : 0,20-0,22 Si : 0,55 Mn : 1,70 P : 0,035 Cu : 0,55 S : 0,035 N : 0,025	

EN 10025-1:2004



Declaration of Performance
(according to regulation EU No 305/2011)

- No AMRO-2/13-CPR-20-01
1) Code of the product type: **S460J0**
According EN 10025-2

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

- 2) ArcelorMittal Belval & Differdange
Site of Rodange
2, rue de l'industrie
L-4823 Rodange (G.D. of Luxembourg)
Tel: +352 5019 2366
sections.arcelormittal.com

System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0769
Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl, Holz und Steine performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Henri Reding
Site Manager Rodange

Date: 01.02.2021

Essential characteristic		Performance		Harmonised technical specification	
Tolerances on dimensions and shape	L		EN 10056-2		EN 10025-1:2004
	□		EN 10059		
	UPN		EN 10279		
Yield strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min		
		16	460		
	16	40	440		
	40	63	420		
	63	80	400		
	80	100	390		
	100	150	390		
Tensile strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min	max	
	≤3	100	550	720	
	100	150	530	700	
Elongation	Nominal thickness (mm)		Values (%)		
	>	≤	min		
	≤3	40	17		
	40	63	17		
	63	100	17		
Impact strength	Nominal thickness (mm)		Values (J)		
	>	≤	min		
		150	27 / 0°C		
Weldability	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		30	0,47		
	30	40	0,49		
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)		
	>	≤	min	max	
	150		C : 0,20-0,22 Si : 0,55 Mn : 1,70 P : 0,035 Cu : 0,55 S : 0,035 N : 0,025		



Declaration of Performance
(according to regulation EU No 305/2011)

- No AMRO-2/14-CPR-20-01
1) Code of the product type: **S460J2**
According EN 10025-2

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

- 2) ArcelorMittal Belval & Differdange
Site of Rodange
2, rue de l'industrie
L-4823 Rodange (G.D. of Luxembourg)
Tel: +352 5019 2366
sections.arcelormittal.com

System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0769
Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl, Holz und Steine performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Henri Reding
Site Manager Rodange

Date: 01.02.2021

Essential characteristic		Performance		Harmonised technical specification
Tolerances on dimensions and shape	L		EN 10056-2	
	□		EN 10059	
	UPN		EN 10279	
Yield strength	Nominal thickness (mm)		Values (MPa)	
	>	≤	min	
		16	460	
	16	40	440	
	40	63	420	
	63	80	400	
	80	100	390	
	100	150	390	
Tensile strength	Nominal thickness (mm)		Values (MPa)	
	>	≤	min	max
	≤3	100	550	720
	100	150	530	700
Elongation	Nominal thickness (mm)		Values (%)	
	>	≤	min	
	≤3	40	17	
	40	63	17	
	63	100	17	
Impact strength	Nominal thickness (mm)		Values (J)	
	>	≤	min	
		150	27 / -20°C	
Weldability	Nominal thickness (mm)		Values (%)	
	>	≤	max	
		30	0,47	
	30	40	0,49	
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)	
	>	≤	min	max
	150		C : 0,20-0,22 Si : 0,55 Mn : 1,70 P : 0,035 Cu : 0,55 S : 0,035 N : 0,025	

EN 10025-1:2004



Declaration of Performance
(according to regulation EU No 305/2011)

- No AMRO-2/15-CPR-20-01
1) Code of the product type: **S460K2**
According EN 10025-2

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

- 2) ArcelorMittal Belval & Differdange
Site of Rodange
2, rue de l'industrie
L-4823 Rodange (G.D. of Luxembourg)
Tel: +352 5019 2366
sections.arcelormittal.com

System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0769
Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl, Holz und Steine performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Henri Reding
Site Manager Rodange

Date: 01.02.2021

Essential characteristic		Performance		Harmonised technical specification
Tolerances on dimensions and shape	L		EN 10056-2	
	□		EN 10059	
	UPN		EN 10279	
Yield strength	Nominal thickness (mm)		Values (MPa)	
	>	≤	min	
		16	460	
	16	40	440	
	40	63	420	
	63	80	400	
	80	100	390	
	100	150	390	
Tensile strength	Nominal thickness (mm)		Values (MPa)	
	>	≤	min	max
	≤3	100	550	720
	100	150	530	700
Elongation	Nominal thickness (mm)		Values (%)	
	>	≤	min	
	≤3	40	17	
	40	63	17	
	63	100	17	
Impact strength	Nominal thickness (mm)		Values (J)	
	>	≤	min	
		150	40 / -20°C	
Weldability	Nominal thickness (mm)		Values (%)	
	>	≤	max	
		30	0,47	
	30	40	0,49	
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)	
	>	≤	min	max
	150		C : 0,20-0,22 Si : 0,55 Mn : 1,70 P : 0,035 Cu : 0,55 S : 0,035 N : 0,025	

EN 10025-1:2004



Declaration of Performance
(according to regulation EU No 305/2011)

- No AMRO-4/03-CPR-18-01
1) Code of the product type: **S355M**
According EN 10025-4

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

- 2) ArcelorMittal Belval & Differdange
Site of Rodange
2, rue de l'industrie
L-4823 Rodange (G.D. of Luxembourg)
Tel: +352 5019 2366
sections.arcelormittal.com

System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0769
Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl, Holz und Steine performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Henri Reding
Site Manager Rodange

Date: 01.02.2021

Essential characteristic		Performance		Harmonised technical specification	
Tolerances on dimensions and shape	L		EN 10056-2		EN 10025-1:2004
	□		EN 10059		
	UPN		EN 10279		
Yield strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min		
		16	355		
	16	40	345		
	40	63	335		
	63	80	325		
	80	100	325		
	100	120	320		
Tensile strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min	max	
		40	470	630	
	40	63	450	610	
	63	80	440	600	
	80	100	440	600	
	100	120	430	590	
Elongation	Nominal thickness (mm)		Values (%)		
	>	≤	min		
		120	22		
Impact strength	Nominal thickness (mm)		Values (J)		
	>	≤	min		
		120	40 / -20°C		
Weldability	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		16	0,39		
	16	40	0,39		
	40	63	0,40		
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)		
	>	≤	min	max	
		120	Al : 0,02	C : 0,16 Ti : 0,05	
				Mn : 1,60 Cr : 0,30	
				Si : 0,50 Mo : 0,10	
				P : 0,030 Ni : 0,50	
			S : 0,030 Cu : 0,55		
			Nb : 0,05 N : 0,015		
			V : 0,10		



Declaration of Performance
(according to regulation EU No 305/2011)

- No AMRO-4/05-CPR-18-01
1) Code of the product type: **S420M**
According EN 10025-4

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

- 2) ArcelorMittal Belval & Differdange
Site of Rodange
2, rue de l'industrie
L-4823 Rodange (G.D. of Luxembourg)
Tel: +352 5019 2366
sections.arcelormittal.com

System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0769
Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl, Holz und Steine performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Henri Reding
Site Manager Rodange

Date: 01.02.2021

Essential characteristic		Performance		Harmonised technical specification	
Tolerances on dimensions and shape	L		EN 10056-2		EN 10025-1:2004
	□		EN 10059		
	UPN		EN 10279		
Yield strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min		
		16	420		
	16	40	400		
	40	63	390		
	63	80	380		
	80	100	370		
	100	120	365		
Tensile strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min	max	
		40	520	680	
	40	63	500	660	
	63	80	480	640	
	80	100	470	630	
	100	120	460	620	
Elongation	Nominal thickness (mm)		Values (%)		
	>	≤	min		
		120	19		
Impact strength	Nominal thickness (mm)		Values (J)		
	>	≤	min		
		120	40 / -20°C		
Weldability	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		16	0,43		
	16	40	0,45		
	40	63	0,46		
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)		
	>	≤	min	max	
		120	Al : 0,02	C : 0,18 Ti : 0,05 Mn : 1,70 Cr : 0,30 Si : 0,50 Mo : 0,20 P : 0,035 Ni : 0,80 S : 0,030 Cu : 0,55 Nb : 0,05 N : 0,025 V : 0,12	



Declaration of Performance
(according to regulation EU No 305/2011)

- No AMRO-4/07-CPR-18-01
1) Code of the product type: **S460M**
According EN 10025-4

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

- 2) ArcelorMittal Belval & Differdange
Site of Rodange
2, rue de l'industrie
L-4823 Rodange (G.D. of Luxembourg)
Tel: +352 5019 2366
sections.arcelormittal.com

System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0769
Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl,
Holz und Steine performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Henri Reding
Site Manager Rodange

Date: 01.02.2021

Essential characteristic		Performance		Harmonised technical specification	
Tolerances on dimensions and shape	L		EN 10056-2		EN 10025-1:2004
	□		EN 10059		
	UPN		EN 10279		
Yield strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min		
		16	460		
	16	40	440		
	40	63	430		
	63	80	410		
	80	100	400		
	100	120	385		
Tensile strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min	max	
		40	540	720	
	40	63	530	710	
	63	80	510	690	
	80	100	500	680	
	100	120	490	660	
	Elongation	Nominal thickness (mm)		Values (%)	
>		≤	min		
		120	17		
Impact strength	Nominal thickness (mm)		Values (J)		
	>	≤	min		
		120	40 / -20°C		
Weldability	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		16	0,45		
	16	40	0,46		
	40	63	0,47		
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)		
	>	≤	min	max	
	120	Al : 0,02	C : 0,18	Ti : 0,05	
			Mn : 1,70	Cr : 0,30	
			Si : 0,60	Mo : 0,20	
			P : 0,035	Ni : 0,80	
			S : 0,030	Cu : 0,55	
			Nb : 0,05	N : 0,025	
			V : 0,12		



Declaration of Performance
(according to regulation EU No 305/2011)

- No AMRO-5/01-CPR-18-01
1) Code of the product type: **S355J0W**
According EN 10025-5

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

- 2) ArcelorMittal Belval & Differdange
Site of Rodange
2, rue de l'industrie
L-4823 Rodange (G.D. of Luxembourg)
Tel: +352 5019 2366
sections.arcelormittal.com

System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0769
Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl, Holz und Steine performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Henri Reding
Site Manager Rodange

Date: 01.02.2021

Essential characteristic		Performance		Harmonised technical specification	
Tolerances on dimensions and shape	L		EN 10056-2		EN 10025-1:2004
	□		EN 10059		
	UPN		EN 10279		
Yield strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min		
		16	355		
	16	35	345		
Tensile strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min	max	
	≤3	35	470	630	
	35	35	470	630	
Elongation	Nominal thickness (mm)		Values (%)		
	>	≤	min		
	≤3	35	22		
Impact strength	Nominal thickness (mm)		Values (J)		
	>	≤	min		
		35	27 / 0°C		
Weldability	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		16	0,52		
	16	35	0,52		
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)		
	>	≤	min	max	
		35	Mn : 0,50 Cu : 0,25 Cr : 0,40	C : 0,16 Cr : 0,80 Si : 0,50 P : 0,040 S : 0,040 N : 0,012 Mn : 1,50 Cu : 0,55	



Declaration of Performance
(according to regulation EU No 305/2011)

- No AMRO-5/02-CPR-18-01
1) Code of the product type: **S355J2W**
According EN 10025-5

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

- 2) ArcelorMittal Belval & Differdange
Site of Rodange
2, rue de l'industrie
L-4823 Rodange (G.D. of Luxembourg)
Tel: +352 5019 2366
sections.arcelormittal.com

System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0769
Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl,
Holz und Steine performed the initial inspection of the manufacturing
plant and of factory production control and the continuous surveillance,
assessment, and evaluation of factory production control and issued
the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Henri Reding
Site Manager Rodange

Date: 01.02.2021

Essential characteristic		Performance		Harmonised technical specification	
Tolerances on dimensions and shape	L		EN 10056-2		EN 10025-1:2004
	□		EN 10059		
	UPN		EN 10279		
Yield strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min		
		16	355		
	16	35	345		
Tensile strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min	max	
	≤3	35	470	630	
	35	35	470	630	
Elongation	Nominal thickness (mm)		Values (%)		
	>	≤	min		
	≤3	35	22		
Impact strength	Nominal thickness (mm)		Values (J)		
	>	≤	min		
		35	27 / -20°C		
Weldability	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		16	0,52		
	16	35	0,52		
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)		
	>	≤	min	max	
	35	Mn : 0,50 Cu : 0,25 Cr : 0,40	C : 0,16 Si : 0,50 P : 0,035 S : 0,035 Mn : 1,50 Cu : 0,55 Cr : 0,80		