

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

- 1) No AMEB-2/01-CPR-13-1
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 and Differdange S.A
Site of Esch-Belval
Boulevard Charles de Gaulle
L-4008 Esch-sur-Alzette (G.D. of Luxembourg)
Tel: +352 5820 2870
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:

Christophe Houyoux
Quality Manager



Date: 14.02.2022

Essential characteristic		Performance		Harmonised technical specification	
Tolerances on dimensions and shape	L		EN 10056-2		EN 10025-1:2004
	I / H		EN 10034		
	I		EN 10024		
	U		EN 10279		
	-l ₀ /O/T		EN 10058/EN 10059/EN 10060/EN 10056		
Yield strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min		
		16	235		
	16	40	225		
	40	63	215		
	63	80	215		
	80	100	215		
	100	140	195		
Tensile strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min	max	
	≤3	100	360	510	
	100	140	350	500	
Elongation	Nominal thickness (mm)		Values (%)		
	>	≤	min		
	≤3	40	26		
	40	63	25		
	63	100	24		
	100	140	22		
Impact strength	Nominal thickness (mm)		Values (J)		
	>	≤	min		
		140	27 / 20°C		
Weldability	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		30	0,35		
	30	40	0,35		
	40	140	0,38		
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)		
	>	≤	min	max	
		140		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 AMEB-2/02-CPR-13-1
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 and Differdange S.A
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Boulevard Charles de Gaulle
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System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0769
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Quality Manager



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Essential characteristic		Performance		Harmonised technical specification	
Tolerances on dimensions and shape	L		EN 10056-2		EN 10025-1:2004
	I / H		EN 10034		
	I		EN 10024		
	U		EN 10279		
	-□/○/T		EN 10058/EN 10059/EN 10060/EN 10056		
Yield strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min		
		16	235		
	16	40	225		
	40	63	215		
	63	80	215		
	80	100	215		
	100	140	195		
Tensile strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min	max	
	≤3	100	360	510	
	100	140	350	500	
Elongation	Nominal thickness (mm)		Values (%)		
	>	≤	min		
	≤3	40	26		
	40	63	25		
	63	100	24		
	100	140	22		
Impact strength	Nominal thickness (mm)		Values (J)		
	>	≤	min		
		140	27 / 0°C		
Weldability	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		30	0,35		
	30	40	0,35		
	40	140	0,38		
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)		
	>	≤	min	max	
		140		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 AMEB-2/03-CPR-13-1
Code of the product type: **S235J2**
According to 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 and Differdange S.A
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System of assessment and verification of constancy of performance of the product:
System 2+

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Essential characteristic		Performance		Harmonised technical specification	
Tolerances on dimensions and shape	L		EN 10056-2		EN 10025-1:2004
	I / H		EN 10034		
	I		EN 10024		
	U		EN 10279		
	-□/○/T		EN 10058/EN 10059/EN 10060/EN 10056		
Yield strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min		
		16	235		
	16	40	225		
	40	63	215		
	63	80	215		
	80	100	215		
	100	140	195		
Tensile strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min	max	
	≤3	100	360	510	
	100	140	350	500	
Elongation	Nominal thickness (mm)		Values (%)		
	>	≤	min		
	≤3	40	26		
	40	63	25		
	63	100	24		
	100	140	22		
Impact strength	Nominal thickness (mm)		Values (J)		
	>	≤	min		
		140	27 / -20°C		
Weldability	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		30	0,35		
	30	40	0,35		
	40	140	0,38		
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)		
	>	≤	min	max	
		140		C : 0,17 Mn : 1,40 P : 0,030 Cu : 0,55 S : 0,030	

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

- 1) No AMEB-2/04-CPR-13-1
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 and Differdange S.A
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Boulevard Charles de Gaulle
L-4008 Esch-sur-Alzette (G.D. of Luxembourg)
Tel: +352 5820 2870
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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.

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Essential characteristic		Performance		Harmonised technical specification	
Tolerances on dimensions and shape	L		EN 10056-2		EN 10025-1:2004
	I / H		EN 10034		
	I		EN 10024		
	U		EN 10279		
	-□/○/T		EN 10058/EN 10059/EN 10060/EN 10056		
Yield strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min		
		16	275		
	16	40	265		
	40	63	255		
	63	80	245		
	80	100	235		
	100	140	225		
Tensile strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min	max	
	≤3	100	410	560	
	100	140	400	540	
Elongation	Nominal thickness (mm)		Values (%)		
	>	≤	min		
	≤3	40	23		
	40	63	22		
	63	100	21		
	100	140	19		
Impact strength	Nominal thickness (mm)		Values (J)		
	>	≤	min		
		140	27 / 20°C		
Weldability	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		30	0,40		
	30	40	0,40		
	40	140	0,42		
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)		
	>	≤	min	max	
		140		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)

- 1) No AMEB-2/05-CPR-13-1
Code of the product type: **S275J0**
According EN 10025-2

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To be used in welded, bolted and riveted structures

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System 2+

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Tolerances on dimensions and shape	L		EN 10056-2		EN 10025-1:2004
	I / H		EN 10034		
	I		EN 10024		
	U		EN 10279		
	-□/○/T		EN 10058/EN 10059/EN 10060/EN 10056		
Yield strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min		
		16	275		
	16	40	265		
	40	63	255		
	63	80	245		
	80	100	235		
	100	140	225		
Tensile strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min	max	
	≤3	100	410	560	
	100	140	400	540	
Elongation	Nominal thickness (mm)		Values (%)		
	>	≤	min		
	≤3	40	23		
	40	63	22		
	63	100	21		
	100	140	19		
Impact strength	Nominal thickness (mm)		Values (J)		
	>	≤	min		
		140	27 / 0°C		
Weldability	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		30	0,40		
	30	40	0,40		
	40	140	0,42		
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)		
	>	≤	min	max	
		140		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 AMEB-2/06-CPR-13-1
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

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Essential characteristic		Performance		Harmonised technical specification	
Tolerances on dimensions and shape	L		EN 10056-2		EN 10025-1:2004
	I / H		EN 10034		
	I		EN 10024		
	U		EN 10279		
	-□/○/T		EN 10058/EN 10059/EN 10060/EN 10056		
Yield strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min		
		16	275		
	16	40	265		
	40	63	255		
	63	80	245		
	80	100	235		
	100	140	225		
Tensile strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min	max	
	≤3	100	410	560	
	100	140	400	540	
Elongation	Nominal thickness (mm)		Values (%)		
	>	≤	min		
	≤3	40	23		
	40	63	22		
	63	100	21		
	100	140	19		
Impact strength	Nominal thickness (mm)		Values (J)		
	>	≤	min		
		140	27 / -20°C		
Weldability	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		30	0,40		
	30	40	0,40		
	40	140	0,42		
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)		
	>	≤	min	max	
		140		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 AMEB-2/07-CPR-13-1
Code of the product type: **S355JR**
According to 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 and Differdange S.A
Site of Esch-Belval
Boulevard Charles de Gaulle
L-4008 Esch-sur-Alzette (G.D. of Luxembourg)
Tel: +352 5820 2870
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System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0769
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Quality Manager



Date: 14.02.2022

Essential characteristic		Performance		Harmonised technical specification	
Tolerances on dimensions and shape	L		EN 10056-2		EN 10025-1:2004
	I / H		EN 10034		
	I		EN 10024		
	U		EN 10279		
	-□/○/T		EN 10058/EN 10059/EN 10060/EN 10056		
Yield strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min		
		16	355		
	16	40	345		
	40	63	335		
	63	80	325		
	80	100	315		
	100	140	295		
Tensile strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min	max	
	≤3	100	470	630	
	100	140	450	600	
Elongation	Nominal thickness (mm)		Values (%)		
	>	≤	min		
	≤3	40	22		
	40	63	21		
	63	100	20		
	100	140	18		
Impact strength	Nominal thickness (mm)		Values (J)		
	>	≤	min		
		140	27 / 20°C		
Weldability	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		30	0,45		
	30	40	0,47		
	40	140	0,47		
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)		
	>	≤	min	max	
		140		C : 0,24 Si : 0,55 Mn : 1,60 P : 0,040 Cu : 0,55 S : 0,040 N : 0,012	

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

- 1) No AMEB-2/08-CPR-13-1
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

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Date: 14.02.2022

Essential characteristic		Performance		Harmonised technical specification	
Tolerances on dimensions and shape	L		EN 10056-2		EN 10025-1:2004
	I / H		EN 10034		
	I		EN 10024		
	U		EN 10279		
	-□/○/T		EN 10058/EN 10059/EN 10060/EN 10056		
Yield strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min		
		16	355		
	16	40	345		
	40	63	335		
	63	80	325		
	80	100	315		
	100	140	295		
Tensile strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min	max	
	≤3	100	470	630	
	100	140	450	600	
Elongation	Nominal thickness (mm)		Values (%)		
	>	≤	min		
	≤3	40	22		
	40	63	21		
	63	100	20		
	100	140	18		
Impact strength	Nominal thickness (mm)		Values (J)		
	>	≤	min		
		140	27 / 0°C		
Weldability	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		30	0,45		
	30	40	0,47		
	40	140	0,47		
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)		
	>	≤	min	max	
		140		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)

- 1) No AMEB-2/09-CPR-13-1
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

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Tolerances on dimensions and shape	L		EN 10056-2		EN 10025-1:2004
	I / H		EN 10034		
	I		EN 10024		
	U		EN 10279		
	-□/○/T		EN 10058/EN 10059/EN 10060/EN 10056		
Yield strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min		
		16	355		
	16	40	345		
	40	63	335		
	63	80	325		
	80	100	315		
	100	140	295		
Tensile strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min	max	
	≤3	100	470	630	
	100	140	450	600	
Elongation	Nominal thickness (mm)		Values (%)		
	>	≤	min		
	≤3	40	22		
	40	63	21		
	63	100	20		
	100	140	18		
Impact strength	Nominal thickness (mm)		Values (J)		
	>	≤	min		
		140	27 / -20°C		
Weldability	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		30	0,45		
	30	40	0,47		
	40	140	0,47		
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)		
	>	≤	min	max	
		140		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)

- 1) No AMEB-2/10-CPR-13-1
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

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Essential characteristic		Performance		Harmonised technical specification	
Tolerances on dimensions and shape	L		EN 10056-2		EN 10025-1:2004
	I / H		EN 10034		
	I		EN 10024		
	U		EN 10279		
	$-\square/O/T$		EN 10058/EN 10059/EN 10060/EN 10056		
Yield strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min		
		16	355		
	16	40	345		
	40	63	335		
	63	80	325		
	80	100	315		
	100	140	295		
Tensile strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min	max	
	≤3	100	470	630	
	100	140	450	600	
Elongation	Nominal thickness (mm)		Values (%)		
	>	≤	min		
	≤3	40	22		
	40	63	21		
	63	100	20		
	100	140	18		
Impact strength	Nominal thickness (mm)		Values (J)		
	>	≤	min		
		140	40 / -20°C		
Weldability	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		30	0,45		
	30	40	0,47		
	40	140	0,47		
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)		
	>	≤	min	max	
		140		C : 0,20-0,22 Si : 0,55 Mn : 1,60 Cu : 0,55 S : 0,030 P : 0,030	



ArcelorMittal

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

No. AMEB-2/11-CPR-13-1

1) Code of the product type: **1.0590**

2) Type: **Sections/Bars 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

3) ArcelorMittal Belval and Differdange S.A
Site of Esch-Belval
Boulevard Charles de Gaulle
L-4008 Esch-sur-Alzette (G.D. of Luxembourg)
Tel: +352 5820 2870
www.arcelormittal.com/sections

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 points 1 and 2 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 3. Signed for
and on behalf of the manufacturer by:

Roland Bastian
Site Manager Esch-Belval

Christophe Houyoux
Quality Manager

Date : 01.07.2013

Essential characteristic		Performance		Harmonised technical specification	
Tolerances on dimensions and shape	Angles		EN10056-2		EN 10025-1:2004
	I and H sections		EN 10034		
	Tapered Flange I		EN 10024		
	UPE, UPN		EN 10279		
	Flat / Square / Round / T bars		EN 10058/EN 10059/EN 10060/EN 10055		
Yield strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min		
		16	450		
	16	40	430		
	40	63	410		
	63	80	390		
	80	100	380		
Tensile strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min	max	
	≤3	100	550	720	
	100	140	530	700	
	Nominal thickness (mm)		Values (%)		
>	≤	min			
≤3	40	17			
40	63				
63	100				
100	140				
Impact strength	Nominal thickness (mm)		Values (J)		
	>	≤	min		
		140	27 at 0°C		
Weldability	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		30	0,47		
	30	40	0,49		
	40	140	0,49		
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		140	C* : 0,20 Si : 0,55 Mn : 1,70 P : 0,035	Cu : 0,55 S : 0,035 N** : 0,025	
* For nominal thickness > 30 mm C: 0,22. For nominal thickness >100 mm: C content upon agreement					
** The max. value for nitrogen does not apply if the chemical composition shows a minimum total Al content of 0,020% or if sufficient other N binding elements are present					
The steel may show a Nb content of max. 0,05%, a V content of max. 0,13% and a Ti content of max. 0,05%.					
Fully killed steel containing nitrogen binding element in amounts sufficient to bind the available nitrogen (for example min. 0,02% Al)					



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

- No AMEB-2/12-CPR-20-1
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 and Differdange S.A
Site of Esch-Belval
Boulevard Charles de Gaulle
L-4008 Esch-sur-Alzette (G.D. of Luxembourg)
Tel: +352 5820 2870
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:

Christophe Houyoux
Quality Manager

Date: 28.02.2020

Essential characteristic		Performance		Harmonised technical specification	
Tolerances on dimensions and shape	L		EN 10056-2		EN 10025-1:2004
	I/H		EN 10034		
	I		EN 10024		
	U		EN 10279		
	-I ₀ /O/T		EN 10058/EN 10059/EN 10060/EN 10056		
Yield strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min		
		16	460		
	16	40	440		
	40	63	420		
	63	80	400		
	80	100	390		
	100	140	390		
Tensile strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min	max	
	≤3	100	550	720	
	100	140	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		
		140	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	
	140		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 AMEB-2/13-CPR-20-1
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 and Differdange S.A
Site of Esch-Belval
Boulevard Charles de Gaulle
L-4008 Esch-sur-Alzette (G.D. of Luxembourg)
Tel: +352 5820 2870
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:

Christophe Houyoux
Quality Manager

Date: 28.02.2020

Essential characteristic		Performance		Harmonised technical specification	
Tolerances on dimensions and shape	L		EN 10056-2		EN 10025-1:2004
	I/H		EN 10034		
	I		EN 10024		
	U		EN 10279		
	-I□/O/T		EN 10058/EN 10059/EN 10060/EN 10056		
Yield strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min		
		16	460		
	16	40	440		
	40	63	420		
	63	80	400		
	80	100	390		
	100	140	390		
Tensile strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min	max	
	≤3	100	550	720	
	100	140	530	700	
Elongation	Nominal thickness (mm)		Values (%)		
	>	≤	min		
	≤3	40	17		
	40	63	17		
	63	100	17		
	100	140		17	
Impact strength	Nominal thickness (mm)		Values (J)		
	>	≤	min		
		140	27 / 0°C		
Weldability	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		30	0,47		
	30	40	0,49		
	40	140	0,49		
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)		
	>	≤	min	max	
		140		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 AMEB-2/14-CPR-20-1
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 and Differdange S.A
Site of Esch-Belval
Boulevard Charles de Gaulle
L-4008 Esch-sur-Alzette (G.D. of Luxembourg)
Tel: +352 5820 2870
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:

Christophe Houyoux
Quality Manager

Date: 28.02.2020

Essential characteristic		Performance		Harmonised technical specification	
Tolerances on dimensions and shape	L		EN 10056-2		EN 10025-1:2004
	I/H		EN 10034		
	I		EN 10024		
	U		EN 10279		
	-I□/O/T		EN 10058/EN 10059/EN 10060/EN 10056		
Yield strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min		
		16	460		
	16	40	440		
	40	63	420		
	63	80	400		
	80	100	390		
	100	140	390		
Tensile strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min	max	
	≤3	100	550	720	
	100	140	530	700	
Elongation	Nominal thickness (mm)		Values (%)		
	>	≤	min		
	≤3	40	17		
	40	63	17		
	63	100	17		
100	140	17			
Impact strength	Nominal thickness (mm)		Values (J)		
	>	≤	min		
		140	27 / -20°C		
Weldability	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		30	0,47		
	30	40	0,49		
40	140	0,49			
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)		
	>	≤	min	max	
		140		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 AMEB-2/15-CPR-20-1
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 and Differdange S.A
Site of Esch-Belval
Boulevard Charles de Gaulle
L-4008 Esch-sur-Alzette (G.D. of Luxembourg)
Tel: +352 5820 2870
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:

Christophe Houyoux
Quality Manager

Date: 28.02.2020

Essential characteristic		Performance		Harmonised technical specification	
Tolerances on dimensions and shape	L		EN 10056-2		EN 10025-1:2004
	I/H		EN 10034		
	I		EN 10024		
	U		EN 10279		
	-I□/O/T		EN 10058/EN 10059/EN 10060/EN 10056		
Yield strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min		
		16	460		
	16	40	440		
	40	63	420		
	63	80	400		
	80	100	390		
	100	140	390		
Tensile strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min	max	
	≤3	100	550	720	
	100	140	530	700	
Elongation	Nominal thickness (mm)		Values (%)		
	>	≤	min		
	≤3	40	17		
	40	63	17		
	63	100	17		
	100	140		17	
Impact strength	Nominal thickness (mm)		Values (J)		
	>	≤	min		
		140	40 / -20°C		
Weldability	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		30	0,47		
	30	40	0,49		
	40	140		0,49	
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)		
	>	≤	min	max	
	140			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)

- 1) No AMEB-4/01-CPR-13-1
Code of the product type: **S275M**
According to 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 and Differdange S.A
Site of Esch-Belval
Boulevard Charles de Gaulle
L-4008 Esch-sur-Alzette (G.D. of Luxembourg)
Tel: +352 5820 2870
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:

Christophe Houyoux
Quality Manager



Date: 14.02.2022

Essential characteristic		Performance		Harmonised technical specification	
Tolerances on dimensions and shape	L		EN 10056-2		EN 10025-1:2004
	I / H		EN 10034		
	I		EN 10024		
	U		EN 10279		
	-□/○/T		EN 10058/EN 10059/EN 10060/EN 10056		
Yield strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min		
		16	275		
	16	40	265		
	40	63	255		
	63	80	245		
	80	100	245		
100	140	240			
Tensile strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min	max	
		40	370	530	
	40	63	360	520	
	63	80	350	510	
	80	100	350	510	
	100	140	350	510	
Elongation	Nominal thickness (mm)		Values (%)		
	>	≤	min		
		140	24		
Impact strength	Nominal thickness (mm)		Values (J)		
	>	≤	min		
		140	40 / -20°C		
Weldability	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		16	0,34		
	16	40	0,34		
	40	63	0,35		
63	140	0,38			
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)		
	>	≤	min	max	
	140	Al : 0,02	C : 0,15 Mn : 1,50 Si : 0,50 P : 0,030 S : 0,030 Nb : 0,05 V : 0,08	Ti : 0,05 Cr : 0,30 Mo : 0,10 Ni : 0,30 Cu : 0,55 N : 0,015	

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

- 1) No AMEB-4/03-CPR-13-1
Code of the product type: **S355M**
According to 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 and Differdange S.A
Site of Esch-Belval
Boulevard Charles de Gaulle
L-4008 Esch-sur-Alzette (G.D. of Luxembourg)
Tel: +352 5820 2870
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:

Christophe Houyoux
Quality Manager



Date: 14.02.2022

Essential characteristic		Performance		Harmonised technical specification	
Tolerances on dimensions and shape	L		EN 10056-2		EN 10025-1:2004
	I / H		EN 10034		
	I		EN 10024		
	U		EN 10279		
	-□/○/T		EN 10058/EN 10059/EN 10060/EN 10056		
Yield strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min		
		16	355		
	16	40	345		
	40	63	335		
	63	80	325		
	80	100	325		
100	140	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	140	430	590	
Elongation	Nominal thickness (mm)		Values (%)		
	>	≤	min		
		140	22		
Impact strength	Nominal thickness (mm)		Values (J)		
	>	≤	min		
		140	40 / -20°C		
Weldability	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		16	0,39		
	16	40	0,39		
	40	63	0,40		
63	140	0,45			
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)		
	>	≤	min	max	
	140	Al : 0,02	C : 0,16 Mn : 1,60 Si : 0,50 P : 0,030 S : 0,030 Nb : 0,05 V : 0,10	Ti : 0,05 Cr : 0,30 Mo : 0,10 Ni : 0,50 Cu : 0,55 N : 0,015	

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

- 1) No AMEB-4/04-CPR-13-1
Code of the product type: **S355ML**
According to 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 and Differdange S.A
Site of Esch-Belval
Boulevard Charles de Gaulle
L-4008 Esch-sur-Alzette (G.D. of Luxembourg)
Tel: +352 5820 2870
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:

Christophe Houyoux
Quality Manager



Date: 14.02.2022

Essential characteristic		Performance		Harmonised technical specification	
Tolerances on dimensions and shape	L		EN 10056-2		EN 10025-1:2004
	I / H		EN 10034		
	I		EN 10024		
	U		EN 10279		
	-□/○/T		EN 10058/EN 10059/EN 10060/EN 10056		
Yield strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min		
		16	355		
	16	40	345		
	40	63	335		
	63	80	325		
	80	100	325		
100	125	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	125	430	590	
Elongation	Nominal thickness (mm)		Values (%)		
	>	≤	min		
		125	22		
Impact strength	Nominal thickness (mm)		Values (J)		
	>	≤	min		
		125	27 / -50°C		
Weldability	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		16	0,39		
	16	40	0,39		
	40	63	0,40		
63	125	0,45			
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)		
	>	≤	min	max	
		125	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 : 0,025 Cu : 0,55 Nb : 0,05 N : 0,015 V : 0,10	

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

- 1) No AMEB-4/07-CPR-13-1
Code of the product type: **S460M**
According to 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 and Differdange S.A
Site of Esch-Belval
Boulevard Charles de Gaulle
L-4008 Esch-sur-Alzette (G.D. of Luxembourg)
Tel: +352 5820 2870
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:

Christophe Houyoux
Quality Manager



Date: 14.02.2022

Essential characteristic		Performance		Harmonised technical specification	
Tolerances on dimensions and shape	L		EN 10056-2		EN 10025-1:2004
	I / H		EN 10034		
	I		EN 10024		
	U		EN 10279		
	-□/○/T		EN 10058/EN 10059/EN 10060/EN 10056		
Yield strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min		
		16	460		
	16	40	440		
	40	63	430		
	63	80	410		
	80	100	400		
100	140	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	140	490	660	
Elongation	Nominal thickness (mm)		Values (%)		
	>	≤	min		
		140	17		
Impact strength	Nominal thickness (mm)		Values (J)		
	>	≤	min		
		140	40 / -20°C		
Weldability	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		16	0,45		
	16	40	0,46		
	40	63	0,47		
63	140	0,48			
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)		
	>	≤	min	max	
	140	Al : 0,02	C : 0,18 Mn : 1,70 Si : 0,60 P : 0,035 S : 0,030 Nb : 0,05 V : 0,12	Ti : 0,05 Cr : 0,30 Mo : 0,20 Ni : 0,80 Cu : 0,55 N : 0,025	



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

- No AMEB-5/01-CPR-13-1
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 and Differdange S.A
Site of Esch-Belval
Boulevard Charles de Gaulle
L-4008 Esch-sur-Alzette (G.D. of Luxembourg)
Tel: +352 5820 2870
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:

Christophe Houyoux
Quality Manager

Date: 28.02.2020

Essential characteristic		Performance		Harmonised technical specification	
Tolerances on dimensions and shape	L		EN 10056-2		EN 10025-1:2004
	I/H		EN 10034		
	I		EN 10024		
	U		EN 10279		
	-I□/O/T		EN 10058/EN 10059/EN 10060/EN 10056		
Yield strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min		
		16	355		
	16	40	345		
	40	63	335		
Tensile strength	Nominal thickness (mm)		Values (MPa)		
	>	≤	min	max	
	≤3	40	470	630	
	40	63	470	630	
Elongation	Nominal thickness (mm)		Values (%)		
	>	≤	min		
	≤3	40	22		
	40	63	21		
Impact strength	Nominal thickness (mm)		Values (J)		
	>	≤	min		
		63	27 / 0°C		
Weldability	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		16	0,52		
	16	63	0,52		
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)		
	>	≤	min	max	
		63	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 AMEB-5/02-CPR-13-1
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

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

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Quality Manager

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Essential characteristic		Performance		Harmonised technical specification	
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	≤3	40	470	630	
	40	63	470	630	
Elongation	Nominal thickness (mm)		Values (%)		
	>	≤	min		
	≤3	40	22		
	40	63	21		
Impact strength	Nominal thickness (mm)		Values (J)		
	>	≤	min		
		63	27 / -20°C		
Weldability	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		16	0,52		
	16	63	0,52		
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)		
	>	≤	min	max	
		63	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	



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

- No AMEB-5/03-CPR-13-1
1) Code of the product type: **S355K2W**
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

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

Notified factory production control certification body No. 0769
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