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

No AMDI-2/01-CPR-13-1

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 Differdange
Rue Emile Mark
L-4503 Differdange (G.D. of Luxembourg)
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	I / H		EN 10034		EN 10025-1:2004
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)

No AMDI-2/02-CPR-13-1

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
Site of Differdange
Rue Emile Mark
L-4503 Differdange (G.D. of Luxembourg)
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	I / H		EN 10034		EN 10025-1:2004
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)

No AMDI-2/03-CPR-13-1

1) 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 and Differdange S.A
Site of Differdange
Rue Emile Mark
L-4503 Differdange (G.D. of Luxembourg)
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	I / H		EN 10034		EN 10025-1:2004
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)

No AMDI-2/04-CPR-13-1

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
Site of Differdange
Rue Emile Mark
L-4503 Differdange (G.D. of Luxembourg)
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	I / H		EN 10034		EN 10025-1:2004
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)

No AMDI-2/05-CPR-13-1

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 and Differdange S.A
Site of Differdange
Rue Emile Mark
L-4503 Differdange (G.D. of Luxembourg)
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	I / H		EN 10034		EN 10025-1:2004
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)

No AMDI-2/06-CPR-13-1

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

2) ArcelorMittal Belval and Differdange S.A
Site of Differdange
Rue Emile Mark
L-4503 Differdange (G.D. of Luxembourg)
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	I / H		EN 10034		EN 10025-1:2004
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)

No AMDI-2/08-CPR-13-1

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 and Differdange S.A
Site of Differdange
Rue Emile Mark
L-4503 Differdange (G.D. of Luxembourg)
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	I / H		EN 10034		EN 10025-1:2004
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)

No AMDI-2/09-CPR-13-1

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 and Differdange S.A
Site of Differdange
Rue Emile Mark
L-4503 Differdange (G.D. of Luxembourg)
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	I / H		EN 10034		EN 10025-1:2004
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)

No AMDI-2/07-CPR-13-1

1) 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 and Differdange S.A
Site of Differdange
Rue Emile Mark
L-4503 Differdange (G.D. of Luxembourg)
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	I / H		EN 10034		EN 10025-1:2004
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)

No AMDI-2/10-CPR-13-1

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 and Differdange S.A
Site of Differdange
Rue Emile Mark
L-4503 Differdange (G.D. of Luxembourg)
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	I / H		EN 10034		EN 10025-1:2004
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. AMDI-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 Differdange
Rue Emile Mark
L-4503 Differdange (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:

Jean-François Liesch
Site Manager Differdange

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		
	HL920, HL1000 with $G_{HL}>G_{HLM}$, HD360/400, UB1016, HE1000 with $G_{HE} > G_{HEM}$		ASTM A6		
Yield strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min		
		16	450		
	16	40	430		
	40	63	410		
	63	80	390		
	80	100	380		
	100	140	380		
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			
	63	100			
	100	140			
Impact strength	**Nominal thickness (mm)**		**Values (J)**		
	>	≤	min		
		140	27 at 0℃		
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	
	* 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 AMDI-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 Differdange
Rue Emile Mark
L-4503 Differdange (G.D. of Luxembourg)
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	I / H		EN 10034		EN 10025-1:2004
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 AMDI-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 Differdange
Rue Emile Mark
L-4503 Differdange (G.D. of Luxembourg)
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.

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Christophe Houyoux

Quality Manager

Date: 28.02.2020

Essential characteristic			Performance		Harmonised technical specification
Tolerances on dimensions and shape	I / H		EN 10034		EN 10025-1:2004
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 AMDI-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 Differdange
Rue Emile Mark
L-4503 Differdange (G.D. of Luxembourg)
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	I / H		EN 10034		EN 10025-1:2004
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 AMDI-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 Differdange
Rue Emile Mark
L-4503 Differdange (G.D. of Luxembourg)
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	I / H		EN 10034		EN 10025-1:2004
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)

No AMDI-2/16-CPR-20-1

1) Code of the product type: **S500J0**
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 Differdange
Rue Emile Mark
L-4503 Differdange (G.D. of Luxembourg)
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	I / H		EN 10034		EN 10025-1:2004
Yield strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min		
		16	500		
	16	40	480		
	40	63	460		
	63	80	450		
	80	100	450		
	100	140	450		
Tensile strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min	max	
	=3	100	580	760	
	100	140	560	750	
Elongation	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	min		
	=3	40	15		
	40	63	15		
	63	100	15		
	100	140	15		
Impact strength	**Nominal thickness (mm)**		**Values (J)**		
	>	≤	min		
		140	27 / 0°C		
Weldability	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	max		
		30	0,49		
	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	

ArcelorMittal

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

No AMDI-4/01-CPR-13-1

1) Code of the product type: **S275M**
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 and Differdange S.A
Site of Differdange
Rue Emile Mark
L-4503 Differdange (G.D. of Luxembourg)
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	I / H		EN 10034		EN 10025-1:2004
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

ArcelorMittal

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

No AMDI-4/03-CPR-13-1

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 and Differdange S.A
Site of Differdange
Rue Emile Mark
L-4503 Differdange (G.D. of Luxembourg)
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	I / H		EN 10034		EN 10025-1:2004
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 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 AMDI-4/04-CPR-13-1

1) Code of the product type: **S355ML**
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 and Differdange S.A
Site of Differdange
Rue Emile Mark
L-4503 Differdange (G.D. of Luxembourg)
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	I / H		EN 10034		EN 10025-1:2004
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 Mn : 1,60 Si : 0,50 P : 0,030 S : 0,025 Nb : 0,05 V : 0,10	Ti : 0,05 Cr : 0,30 Mo : 0,10 Ni : 0,50 Cu : 0,55 N : 0,015

ArcelorMittal

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

No AMDI-4/05-CPR-14-1

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 and Differdange S.A
Site of Differdange
Rue Emile Mark
L-4503 Differdange (G.D. of Luxembourg)
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.

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Christophe Houyoux

Quality Manager

Date: 28.02.2020

Essential characteristic			Performance		Harmonised technical specification
Tolerances on dimensions and shape	I / H		EN 10034		EN 10025-1:2004
Yield strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min		
		16	420		
	16	40	400		
	40	63	390		
	63	80	380		
	80	100	370		
	100	140	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	140	460	620	
Elongation	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	min		
		140	19		
Impact strength	**Nominal thickness (mm)**		**Values (J)**		
	>	≤	min		
		140	40 / -20°C		
Weldability	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	max		
		16	0,43		
	16	40	0,45		
	40	63	0,46		
	63	140	0,47		
Durability (Chemical composition)	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	min	max	
		140	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	

ArcelorMittal

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

No AMDI-4/07-CPR-13-1

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 and Differdange S.A
Site of Differdange
Rue Emile Mark
L-4503 Differdange (G.D. of Luxembourg)
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	I / H		EN 10034		EN 10025-1:2004
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 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	

ArcelorMittal

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

No AMDI-4/08-CPR-13-1

1) Code of the product type: **S460ML**
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 and Differdange S.A
Site of Differdange
Rue Emile Mark
L-4503 Differdange (G.D. of Luxembourg)
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	I / H		EN 10034		EN 10025-1:2004
Yield strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min		
		16	460		
	16	40	440		
	40	63	430		
	63	80	410		
	80	100	400		
	100	125	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	125	490	660	
Elongation	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	min		
		125	17		
Impact strength	**Nominal thickness (mm)**		**Values (J)**		
	>	≤	min		
		125	27 / -50°C		
Weldability	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	max		
		16	0,45		
	16	40	0,46		
	40	63	0,47		
	63	125	0,48		
Durability (Chemical composition)	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	min	max	
		125	Al : 0,02	C : 0,18 Mn : 1,70 Si : 0,60 P : 0,030 S : 0,025 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 AMDI-4/13-CPR-20-1

1) Code of the product type: **S500M**
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 and Differdange S.A
Site of Differdange
Rue Emile Mark
L-4503 Differdange (G.D. of Luxembourg)
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	I / H		EN 10034		EN 10025-1:2004
Yield strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min		
		16	500		
	16	40	480		
	40	63	460		
	63	80	450		
	80	100	450		
	100	140	450		
Tensile strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min	max	
		40	580	760	
	40	63	580	760	
	63	80	580	760	
	80	100	560	750	
	100	140	560	750	
Elongation	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	min		
		140	15		
Impact strength	**Nominal thickness (mm)**		**Values (J)**		
	>	≤	min		
		140	40 / -20°C		
Weldability	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	max		
		16	0,47		
	16	40	0,47		
	40	63	0,47		
	63	140	0,48		
Durability (Chemical composition)	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	min	max	
		140	Al : 0,02	C : 0,16 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 AMDI-4/14-CPR-20-1

1) Code of the product type: **S500ML**
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 and Differdange S.A
Site of Differdange
Rue Emile Mark
L-4503 Differdange (G.D. of Luxembourg)
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	I / H		EN 10034		EN 10025-1:2004
Yield strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min		
		16	500		
	16	40	480		
	40	63	460		
	63	80	450		
	80	100	450		
	100	125	450		
Tensile strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min	max	
		40	580	760	
	40	63	580	760	
	63	80	580	760	
	80	100	560	750	
	100	125	560	750	
Elongation	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	min		
		125	15		
Impact strength	**Nominal thickness (mm)**		**Values (J)**		
	>	≤	min		
		125	27 / -50°C		
Weldability	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	max		
		16	0,47		
	16	40	0,47		
	40	63	0,47		
	63	125	0,48		
Durability (Chemical composition)	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	min	max	
		125	Al : 0,02	C : 0,16 Ti : 0,05 Mn : 1,70 Cr : 0,30 Si : 0,60 Mo : 0,20 P : 0,030 Ni : 0,80 S : 0,025 Cu : 0,55 Nb : 0,05 N : 0,025 V : 0,12	

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

No AMDI-4/09-CPR-13-1

1) Code of the product type: **HISTAR 355**
According ETA-10/0156

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 Differdange
Rue Emile Mark
L-4503 Differdange (G.D. of Luxembourg)
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	I / H		EN 10034		EN 10025-1:2004
Yield strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min		
		140	355		
Tensile strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min	max	
		140	470	630	
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		
		140	0,39		
Durability (Chemical composition)	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	min	max	
		140	Al : 0,02	C : 0,12 Mn : 1,60 Si : 0,50 P : 0,035 S : 0,030 Nb : 0,05 V : 0,10	Ti : 0,05 Cr : 0,30 Mo : 0,20 Ni : 0,30 Cu : 0,55 N : 0,015

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

No AMDI-4/10-CPR-13-1

1) Code of the product type: **HISTAR 355L**
According ETA-10/0156

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 Differdange
Rue Emile Mark
L-4503 Differdange (G.D. of Luxembourg)
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	I / H		EN 10034		EN 10025-1:2004
Yield strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min		
		125	355		
Tensile strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min	max	
		125	470	630	
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		
		125	0,39		
Durability (Chemical composition)	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	min	max	
		125	Al : 0,02	C : 0,12 Mn : 1,60 Si : 0,50 P : 0,030 S : 0,025 Nb : 0,05 V : 0,10	Ti : 0,05 Cr : 0,30 Mo : 0,20 Ni : 0,30 Cu : 0,55 N : 0,015

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

No AMDI-4/11-CPR-13-1

1) Code of the product type: **HISTAR 460**
According ETA-10/0156

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 Differdange
Rue Emile Mark
L-4503 Differdange (G.D. of Luxembourg)
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	I / H		EN 10034		EN 10025-1:2004
Yield strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min		
		100	460		
	100	140	450		
Tensile strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min	max	
		140	540	720	
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		
		63	0,41		
	63	140	0,43		
Durability (Chemical composition)	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	min	max	
		140	Al : 0,02	C : 0,12 Ti : 0,05 Mn : 1,70 Cr : 0,30 Si : 0,60 Mo : 0,20 P : 0,035 Ni : 0,70 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 AMDI-4/12-CPR-13-1

1) Code of the product type: **HISTAR 460L**
According ETA-10/0156

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 Differdange
Rue Emile Mark
L-4503 Differdange (G.D. of Luxembourg)
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	I / H		EN 10034		EN 10025-1:2004
Yield strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min		
		100	460		
	100	125	450		
Tensile strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min	max	
		125	540	720	
Elongation	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	min		
		125	17		
Impact strength	**Nominal thickness (mm)**		**Values (J)**		
	>	≤	min		
		125	27 / -50°C		
Weldability	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	max		
		63	0,41		
	63	125	0,43		
Durability (Chemical composition)	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	min	max	
		125	Al : 0,02	C : 0,12 Mn : 1,70 Si : 0,60 P : 0,030 S : 0,025 Nb : 0,05 V : 0,12	Ti : 0,05 Cr : 0,30 Mo : 0,20 Ni : 0,70 Cu : 0,55 N : 0,025

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

No AMDI-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 Differdange
Rue Emile Mark
L-4503 Differdange (G.D. of Luxembourg)
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	I / H		EN 10034		EN 10025-1:2004
Yield strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min		
		16	355		
	16	40	345		
	40	63	335		
Tensile strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	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	

ArcelorMittal

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

No AMDI-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

2) ArcelorMittal Belval and Differdange S.A
Site of Differdange
Rue Emile Mark
L-4503 Differdange (G.D. of Luxembourg)
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	I / H		EN 10034		EN 10025-1:2004
Yield strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min		
		16	355		
	16	40	345		
	40	63	335		
Tensile strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	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 / -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 0 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 AMDI-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

2) ArcelorMittal Belval and Differdange S.A
Site of Differdange
Rue Emile Mark
L-4503 Differdange (G.D. of Luxembourg)
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	I / H		EN 10034		EN 10025-1:2004
Yield strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min		
		16	355		
	16	40	345		
	40	63	335		
Tensile strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	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	40 / -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 0 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 AMDI-5/06-CPR-20-1

1) Code of the product type: **S460J0W**
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 Differdange
Rue Emile Mark
L-4503 Differdange (G.D. of Luxembourg)
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	I / H		EN 10034		EN 10025-1:2004
Yield strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min		
		16	460		
	16	40	440		
	40	63	430		
Tensile strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min	max	
	=3	40	530	710	
	40	63	530	710	
Elongation	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	min		
	=3	40	17		
	40	63	16		
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	Cr: 0,40 Cu : 0,25	C : 0,20 Cr : 0,80 Si : 0,65 P : 0,040 S : 0,040 N : 0,025 Mn : 1,40 Cu : 0,55	

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

No AMDI-5/07-CPR-20-1

1) Code of the product type: **S460J2W**
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 Differdange
Rue Emile Mark
L-4503 Differdange (G.D. of Luxembourg)
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	I / H		EN 10034		EN 10025-1:2004
Yield strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min		
		16	460		
	16	40	440		
	40	63	430		
Tensile strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min	max	
	=3	40	530	710	
	40	63	530	710	
Elongation	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	min		
	=3	40	17		
	40	63	16		
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	Cr: 0,40 Cu : 0,25	C : 0,20 Cr : 0,80 Si : 0,65 P : 0,035 S : 0,035 N : 0,025 Mn : 1,40 Cu : 0,55	

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

No AMDI-5/08-CPR-20-1

1) Code of the product type: **S460K2W**
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 Differdange
Rue Emile Mark
L-4503 Differdange (G.D. of Luxembourg)
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	I / H		EN 10034		EN 10025-1:2004
Yield strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min		
		16	460		
	16	40	440		
	40	63	430		
Tensile strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min	max	
	=3	40	530	710	
	40	63	530	710	
Elongation	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	min		
	=3	40	17		
	40	63	16		
Impact strength	**Nominal thickness (mm)**		**Values (J)**		
	>	≤	min		
		63	40 / -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	Cr: 0,40 Cu : 0,25	C : 0,20 Cr : 0,80 Si : 0,65 P : 0,035 S : 0,035 N : 0,025 Mn : 1,40 Cu : 0,55	