



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

No. AMDG-2/01-CPR-13-1

- 1) Code of the product type: **1.0038**
2) Type: **Sections/Bars 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

- 3) ArcelorMittal Poland S.A.
al. J. Piłsudskiego 92
41-308 Dąbrowa Górnicza - Poland
Tel: +48 32 776 66 66
Fax: +48 32 776 82 00
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. 1436 Institution for Research and Certification (ZETOM) 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:

Bogdan Mikołajczyk
Executive Director – Longs

Wojciech Michalczyk
Head of Quality Control – Longs

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	235		
	16	40	225		
	40	63	215		
	63	80			
	80	100			
	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 at +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 (%)		
	>	≤	max		
		140	C* : 0,17	Cu : 0,55	
			Mn : 1,40	S : 0,040	
		P : 0,040	N** : 0,012		
* For nominal thickness > 40 mm C: 0,20. 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					



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

No. AMDG-2/02-CPR-13-1

- 1) Code of the product type: **1.0114**
 2) Type: **Sections/Bars 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

- 3) ArcelorMittal Poland S.A.
 al. J. Piłsudskiego 92
 41-308 Dąbrowa Górnicza - Poland
 Tel: +48 32 776 66 66
 Fax: +48 32 776 82 00
 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. 1436 Institution for Research and Certification (ZETOM) 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.

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Bogdan Mikołajczyk
 Executive Director – Longs

Wojciech Michalczyk
 Head of Quality Control – Longs

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	235		
	16	40	225		
	40	63	215		
	63	80			
	80	100			
	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 at 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 (%)		
	>	≤	max		
		140	C* : 0,17	Cu : 0,55	
			Mn : 1,40	S : 0,035	
		P : 0,035	N** : 0,012		
* 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					



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

No. AMDG-2/03-CPR-13-1

- 1) Code of the product type: **1.0117**
2) Type: **Sections/Bars 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

- 3) ArcelorMittal Poland S.A.
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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. 1436 Institution for Research and Certification (ZETOM) 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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Executive Director – Longs

Wojciech Michalczyk
Head of Quality Control – Longs

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	235		
	16	40	225		
	40	63	215		
	63	80			
	80	100			
	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 at -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 (%)		
	>	≤	max		
		140	C* : 0,17	Cu : 0,55	
			Mn : 1,40	S : 0,030	
		P : 0,030			
* For nominal thickness >100 mm: C content upon agreement. 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. AMDG-2/04-CPR-13-1

- 1) Code of the product type: **1.0044**
2) Type: **Sections/Bars 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

- 3) ArcelorMittal Poland S.A.
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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. 1436 Institution for Research and Certification (ZETOM) 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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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:

Bogdan Mikołajczyk
Executive Director – Longs

Wojciech Michalczyk
Head of Quality Control – Longs

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	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		
Impact strength	Nominal thickness (mm)		Values (J)		
	>	≤	min		
		140	27 at +20°C		
Weldability	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		30	0,40		
	30	40	0,40		
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		140	C* : 0,21	Cu : 0,55	
			Mn : 1,50	S : 0,040	
			P : 0,040	N** : 0,012	
* For nominal thickness > 40 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					



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

No. AMDG-2/05-CPR-13-1

- 1) Code of the product type: **1.0143**
2) Type: **Sections/Bars 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

- 3) ArcelorMittal Poland S.A.
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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. 1436 Institution for Research and Certification (ZETOM) 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.

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Bogdan Mikołajczyk
Executive Director – Longs

Wojciech Michalczyk
Head of Quality Control – Longs

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	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		
Impact strength	Nominal thickness (mm)		Values (J)		
	>	≤	min		
		140	27 at 0°C		
Weldability	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		30	0,40		
	30	40	0,40		
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		140	C* : 0,18	Cu : 0,55	
			Mn : 1,50	S : 0,035	
			P : 0,035	N** : 0,012	
* 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					



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

No. AMDG-2/06-CPR-13-1

- 1) Code of the product type: **1.0145**
2) Type: **Sections/Bars 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

- 3) ArcelorMittal Poland S.A.
al. J. Piłsudskiego 92
41-308 Dąbrowa Górnicza - Poland
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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. 1436 Institution for Research and Certification (ZETOM) 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.

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Bogdan Mikołajczyk
Executive Director – Longs

Wojciech Michalczyk
Head of Quality Control – Longs

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	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		
Impact strength	Nominal thickness (mm)		Values (J)		
	>	≤	min		
		140	27 at -20°C		
Weldability	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		30	0,40		
	30	40	0,40		
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		140	C* : 0,18	Cu : 0,55	
			Mn : 1,50	S : 0,030	
		P : 0,030			
* For nominal thickness >100 mm: C content upon agreement. 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. AMDG-2/07-CPR-13-1

- 1) Code of the product type: **1.0045**
2) Type: **Sections/Bars 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

- 3) ArcelorMittal Poland S.A.
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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. 1436 Institution for Research and Certification (ZETOM) 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.

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Bogdan Mikołajczyk
Executive Director – Longs

Wojciech Michalczyk
Head of Quality Control – Longs

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	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 at +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 (%)		
	>	≤	max		
		140	C* : 0,24	Cu : 0,55	
			Si : 0,55	S : 0,040	
		Mn : 1,60	N** : 0,012		
		P : 0,040			
* 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					



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

No. AMDG-2/08-CPR-13-1

- 1) Code of the product type: **1.0553**
2) Type: **Sections/Bars 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

- 3) ArcelorMittal Poland S.A.
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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. 1436 Institution for Research and Certification (ZETOM) 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.

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Bogdan Mikołajczyk
Executive Director – Longs

Wojciech Michalczyk
Head of Quality Control – Longs

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	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 at 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 (%)		
	>	≤	max		
		140	C* : 0,20	Cu : 0,55	
			Si : 0,55	S : 0,035	
		Mn : 1,60	N** : 0,012		
		P : 0,035			
* 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					



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

No. AMDG-2/09-CPR-13-1

- 1) Code of the product type: **1.0577**
 2) Type: **Sections/Bars 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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 System 2+

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Bogdan Mikołajczyk
 Executive Director – Longs

Wojciech Michalczyk
 Head of Quality Control – Longs

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	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 at -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 (%)		
	>	≤	max		
		140	C* : 0,20	Cu : 0,55	
			Si : 0,55	S : 0,030	
		Mn : 1,60	P : 0,030		
* For nominal thickness > 30 mm C: 0,22. For nominal thickness >100 mm: C content upon agreement 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. AMDG-2/10-CPR-13-1

- 1) Code of the product type: **1.0596**
2) Type: **Sections/Bars 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

- 3) ArcelorMittal Poland S.A.
al. J. Piłsudskiego 92
41-308 Dąbrowa Górnicza - Poland
Tel: +48 32 776 66 66
Fax: +48 32 776 82 00
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. 1436 Institution for Research and Certification (ZETOM) 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:

Bogdan Mikołajczyk
Executive Director – Longs

Wojciech Michalczyk
Head of Quality Control – Longs

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	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		
Impact strength	Nominal thickness (mm)		Values (J)		
	>	≤	min		
		140	40 at -20°C		
Weldability	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		30	0,45		
	30	40	0,47		
Durability (Chemical composition)	Nominal thickness (mm)		Values (%)		
	>	≤	max		
		140	C* : 0,20	Cu : 0,55	
			Si : 0,55	S : 0,030	
			Mn : 1,60	P : 0,030	
* For nominal thickness > 30 mm C: 0,22. For nominal thickness >100 mm: C content upon agreement Fully killed steel containing nitrogen binding element in amounts sufficient to bind the available nitrogen (for example min. 0,02% Al)					



ArcelorMittal

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

No. AMDG-4/01-CPR-13-1

- 1) Code of the product type: **1.8818**
 2) Type: **Sections/Bars 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

- 3) ArcelorMittal Poland S.A.
 al. J. Piłsudskiego 92
 41-308 Dąbrowa Górnicza - Poland
 Tel: +48 32 776 66 66
 Fax: +48 32 776 82 00
 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. 1436 Institution for Research and Certification (ZETOM) 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:

Bogdan Mikołajczyk
 Executive Director – Longs

Wojciech Michalczyk
 Head of Quality Control – Longs

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	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 at -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		C : 0,15 Ti : 0,05 Mn : 1,50 Cr : 0,30 Si : 0,50 Mo : 0,10 P : 0,035 Ni : 0,30 S : 0,030 Cu : 0,55 Nb : 0,05 N : 0,015 V : 0,08	
			Al* : 0,02		
* If sufficient other nitrogen binding elements are present, the minimum aluminium requirement does not apply					



ArcelorMittal

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

No. AMDG-4/02-CPR-13-1

- 1) Code of the product type: **1.8819**
 2) Type: **Sections/Bars S275ML 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

- 3) ArcelorMittal Poland S.A.
 al. J. Piłsudskiego 92
 41-308 Dąbrowa Górnicza - Poland
 Tel: +48 32 776 66 66
 Fax: +48 32 776 82 00
 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. 1436 Institution for Research and Certification (ZETOM) 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:

Bogdan Mikołajczyk
 Executive Director – Longs

Wojciech Michalczyk
 Head of Quality Control – Longs

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	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	27 at -50°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	C : 0,15 Ti : 0,05 Mn : 1,50 Cr : 0,30 Si : 0,50 Mo : 0,10 P : 0,030 Ni : 0,30 S : 0,025 Cu : 0,55 Nb : 0,05 N : 0,015 V : 0,08		
			Al* : 0,02		
* If sufficient other nitrogen binding elements are present, the minimum aluminium requirement does not apply					



ArcelorMittal

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

No. AMDG-4/03-CPR-13-1

- 1) Code of the product type: **1.8823**
 2) Type: **Sections/Bars 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

- 3) ArcelorMittal Poland S.A.
 al. J. Piłsudskiego 92
 41-308 Dąbrowa Górnicza - Poland
 Tel: +48 32 776 66 66
 Fax: +48 32 776 82 00
 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. 1436 Institution for Research and Certification (ZETOM) 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:

Bogdan Mikołajczyk
 Executive Director – Longs

Wojciech Michalczyk
 Head of Quality Control – Longs

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	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 at -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	C : 0,16 Ti : 0,05 Mn : 1,60 Cr : 0,30 Si : 0,50 Mo : 0,10 P : 0,035 Ni : 0,50 S : 0,030 Cu : 0,55 Nb : 0,05 N : 0,015 V : 0,10		
			Al* : 0,02		
* If sufficient other nitrogen binding elements are present, the minimum aluminium requirement does not apply					



ArcelorMittal

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

No. AMDG-4/04-CPR-13-1

- 1) Code of the product type: **1.8834**
 2) Type: **Sections/Bars 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

- 3) ArcelorMittal Poland S.A.
 al. J. Piłsudskiego 92
 41-308 Dąbrowa Górnicza - Poland
 Tel: +48 32 776 66 66
 Fax: +48 32 776 82 00
 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. 1436 Institution for Research and Certification (ZETOM) 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:

Bogdan Mikołajczyk
 Executive Director – Longs

Wojciech Michalczyk
 Head of Quality Control – Longs

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	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		
		140	22		
Impact strength	Nominal thickness (mm)		Values (J)		
	>	≤	min		
		140	27 at -50°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	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		
			Al* : 0,02		
* If sufficient other nitrogen binding elements are present, the minimum aluminium requirement does not apply					