

No. AMW-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

3) ArcelorMittal Warszawa Sp. z.o.o.

UI. Kasprowicza 132

01-949 Warsaw - Poland

Tel: +48 (22) 835 8000

Fax:+48 (22) 835 4222

www.arcelormittal-warszawa.com

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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.

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:

Dorota Pietrzyk Head/of Quality Control Dept.

Essential characteristic			Perf	formance	Harmonised technical specification
Tolerances on	Angles		EN	10056-2	
dimensions and shape	I and H sections		EN	N 10034	
	Tap	ered Flange I		N 10024	
		UPE, UPN		N 10279	
	Flat / Squ	are / Round / T bars	EN 10058/EN 100	59/EN 10060/EN 10055	
Yield strength	Nomina	I thickness (mm)	Valu	ies (MPa)	
	>	5		min	
1		16		355	
1	16	40		345	
i	40	63		335	
1	63	80		325	
1	80	100		315	
	100	140		295	
Tensile strength	Nomina	I thickness (mm)	Valu	ies (MPa)	
	>	5	min	max	
	=3	100	470	630	
	100	140	450	600	
Elongation	Nomina	I thickness (mm)	Values (%)		
	>	≤	min		EN 10025-1:2004
[=3	40	22		LIV 10020-1.200
	40	63	21		
	63	100	20		
	100	140	18		
Impact strength	Nomina	I thickness (mm)	Values (J)		
544	>	≤		min	
		140	27	at -20°C	
Weldability	Nomina	I thickness (mm)	Val	lues (%)	
	>	≤		max	
		30		0,45	
	30	40		0,47	
	40	140	2000	0,47	
Durability		I thickness (mm)	Values (%)		
(Chemical composition)	>	S		max	
		140	C*: 0,20	Cu: 0,55	
			Si: 0,55	S:0,030	
	*Faccame 4.4	d	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.				



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

1) Code of the product type: 1.0553

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

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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.

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:

Dorota Pietrzyk Head of Quality Control Dept.

	al characte	ristic	Pe	rformance	Harmonised technical specification
Tolerances on		Angles	EN10056-2		
dimensions and shape	18	and H sections	EN 10034		
	Tapered Flange I			N 10024	
	UPE, UPN			N 10279	
	Flat / Sq	uare / Round / T bars		059/EN 10060/EN 10055	
Yield strength		al thickness (mm)	Val	lues (MPa)	
	>	S		min	
	3 - 10	16		355	
	16	40		345	
	40	63		335	
	63	80		325	
1	80	100		315	
	100	140		295	
Tensile strength	Nomin	al thickness (mm)	Val	lues (MPa)	
	>	S	min	max	
	=3	100	470	630	
control or the control of	100	140	450	600	
Elongation	Nomin	al thickness (mm)	Values (%)		
96.0	>	S	min		
	=3	40	22		EN 10025-1:2004
	40	63	21		
	63	100		20	
	100	140		18	
Impact strength	Nomin	al thickness (mm)	Values (J)		
and the section of th	>	≤	min		
		140	2	27 at 0°C	
Weldability	Nomin	al thickness (mm)	Va	alues (%)	
	>	S		max	
		30		0,45	
	30	40		0,47	
	40	140		0,47	
Durability	Nomin	al thickness (mm)	Va	alues (%)	
(Chemical composition)	>	≤		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 Fo	r nominal thickness >100	mm: C content upon agreement	
	"The max, va	thickness > 30 mm C 0,22 Fo slue for nitrogen does not apply 20% or if sufficient other N bind	r nominal thickness >100 if the chemical compositi	mm: C content upon agreement on shows a minimum total Al	



No. AMW-2/07-CPR-13-1

1) Code of the product type: 1.0045

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

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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
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Dorota Pietrzyk
Head of Quality Control Dept.

Essential characteristic			Perfo	ormance	Harmonised technical specification
Tolerances on	Angles		EN:	10056-2	
dimensions and shape	I and H sections		EN	10034	
	Ta	pered Flange I	EN	10024	
	UPE, UPN		EN	10279	
	Flat / Square / Round / T bars		EN 10058/EN 1005	9/EN 10060/EN 10055	
Yield strength	Nomin	al thickness (mm)	Value	es (MPa)	
53789	>	≤		min	
		16		355	
	16	40		345	
	40	63		335	
	63	80		325	
1	80	100		315	
1177 - 1131 - 1131 - 1131	100	140		295	
Tensile strength	Nomin	al thickness (mm)	Value	es (MPa)	
-	>	5	min	max	
	=3	100	470	630	
	100	140	450	600	
Elongation	Nomin	al thickness (mm)	Values (%)		
	>	≤	min		
	=3	40	22		EN 10025-1:200
	40	63	21		
	63	100		20	
	100	140		18	
Impact strength	Nominal thickness (mm)		Val	ues (J)	
26/10/20/20/20/20/20/20/20/20/20/20/20/20/20	>	≤	min		
		140	27 a	t +20°C	
Weldability	Nomin	al thickness (mm)	Valu	ues (%)	
	>	≤		max	
		30		0,45	
	30	40		0,47	
	40	140	0,47		
Durability	Nominal thickness (mm)		Values (%)		
(Chemical composition)	>	≤		max	
		140	C*: 0,24 Si: 0,55 Mn: 1,60 P: 0.040	Cu: 0,55 S: 0,040 N**: 0,012	
	* For nominal t	hickness >100 mm C content	upon agreement	and the second second	
i	"The max va	ue for nitrogen does not apply 0% or if sufficient other N bind	if the chemical composition	shows a minimum total Al	



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

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

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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,
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Dorota Pietrzyk Head of Quality Control Dept.

Essential characteristic			Perfo	ormance	Harmonised technical specification	
Tolerances on	Angles		EN10056-2		7-7-	
dimensions and shape	I and H sections		EN	10034		
1.35	Ta	pered Flange I		10024		
		UPE, UPN		10279		
	Flat / Squ	are / Round / T bars	EN 10058/EN 1005	9/EN 10060/EN 10055		
Yield strength		al thickness (mm)		es (MPa)		
3775	>	S		min		
W.		16		275		
1	16	40		265		
	40	63		255		
	63	80		245		
	80	100		235		
	100	140	225			
Tensile strength	Nomina	al thickness (mm)		es (MPa)		
	>	≤	min	max		
	=3	100	410	560		
	100	140	400	540		
Elongation	Nomina	al thickness (mm)	Values (%)			
	>	S	min		EN 10025-1:2004	
	=3	40		23		
	40	63		22		
	63	100		21		
·	100	140	19			
Impact strength		al thickness (mm)	Values (J)			
	>	≤		min		
		140	27 a	t -20°C		
Weldability		al thickness (mm)	Values (%)			
	>	≤	Г	max		
1		30),40		
	30	40),40		
	40	140),42		
Durability		al thickness (mm)	Valu	ies (%)		
(Chemical composition)	>	<u> </u>		пах		
		140	C*: 0,18 Mn: 1,50 P: 0,030	Cu: 0,55 S: 0,030		
	* For nominal ti	hickness >100 mm C content	upon agreement	energy some		
	Fully killed stee (for example m	el containing nitrogen binding e	element in amounts sufficient	to bind the available nitrogen		



No. AMW-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

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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
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Dorota Pietrzyk Head of Quality Control Dept.

Essential characteristic			Per	formance	Harmonised technical specification	
Tolerances on	Angles		EN10056-2			
dimensions and shape	I a	nd H sections	E	N 10034		
		ered Flange I		N 10024		
		UPE, UPN		N 10279		
	Flat / Squ	are / Round / T bars		59/EN 10060/EN 10055		
Yield strength		I thickness (mm)		ues (MPa)		
100	>	≤		min		
		16		275		
	16	40		265		
	40	63		255		
	63	80		245		
	80	100		235		
	100	140		225		
Tensile strength	Nomina	I thickness (mm)	Valu	ues (MPa)		
ā	>	≤	min	max		
	=3	100	410	560		
	100	140	400	540		
Elongation		l thickness (mm)	Values (%)			
	>	≤	min		EN 10025-1:2004	
	=3	40	23			
	40	63		22		
	63	100		21		
	100	140	19			
Impact strength		l thickness (mm)	Values (J)			
in all - beautiful	>	≤		min		
		140	Total Control of the	7 at 0°C		
Weldability		l thickness (mm)	Va	lues (%)		
	>	≤		max		
		30		0,40		
	30	40		0,40		
D	40	140		0,42		
Durability		l thickness (mm)	Va	lues (%)		
(Chemical composition)	>	≤ 440	01.040	max		
		140	C*: 0,18	Cu : 0,55		
			Mn : 1,50	S:0,035		
	* For pominal to	ickness >100 mm. C content	P:0,035	N** : 0,012		
	** The may val	o for nitrogen does not apply	upon agreement			



No. AMW-2/04-CPR-13-1

Code of the product type: 1.0044

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 Warszawa Sp. z.o.o.

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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.

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:

Dorota Pietrzyk Head of Quality Control Dept.

Essential characteristic			Peri	formance	Harmonised technical specification
Tolerances on	Angles		EN10056-2		
dimensions and shape	I and H sections		EN	N 10034	
	Tap	ered Flange I	-	N 10024	
		UPE, UPN		N 10279	
	Flat / Squ	are / Round / T bars		59/EN 10060/EN 10055	
Yield strength		I thickness (mm)		ues (MPa)	
•	>	S	100	min	
		16		275	
	16	40		265	
	40	63		255	
	63	80		245	
	80	100		235	
	100	140		225	
Tensile strength	Nomina	I thickness (mm)	Valu	ies (MPa)	
	>	≤	min	max	
	=3	100	410	560	
	100	140	400	540	
Elongation	Nomina	I thickness (mm)	Values (%)		
	>	S	min		EN 10025-1:200-
	=3	40	23		LIV 10025-1.200
	40	63	22		
	63	100	21		
	100	140	19		
Impact strength		I thickness (mm)	Values (J)		
S. 4600	>	≤		min	
		140		at +20°C	
Weldability		l thickness (mm)	Val	lues (%)	
	>	≤		max	
		30		0,40	
	30	40		0,40	
	40	140		0,42	
Durability		l thickness (mm)	n) Values (%)		
(Chemical composition)	>	S		max	
		140	C*: 0,21 Mn: 1,50	Cu: 0,55 S: 0,040	
ļ			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 At				



No. AMW-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 Warszawa Sp. z.o.o.

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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
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Dorota Pietrzyk Head of Quality Control Dept.

Essential characteristic			Pe	rformance	Harmonised technical specification
Tolerances on	Angles		E	N10056-2	
dimensions and shape	I and H sections		E	N 10034	
		pered Flange I		N 10024	
	UPE, UPN			N 10279	
	Flat / Square / Round / T bars			059/EN 10060/EN 10055	
Yield strength		al thickness (mm)		lues (MPa)	
	>	≤ ′	133	min	
	9	16		235	
	16	40		225	
	40	63			
1	63	80	1	215	
	80	100		2.0	
	100	140		195	
Tensile strength	Nomina	al thickness (mm)	Val	lues (MPa)	
377	>	S	min	max	
	=3	100	360	510	
	100	140	350	500	
Elongation	Nomina	al thickness (mm)	Values (%)		
3	>	5	min		EN 10025-1:2004
[=3	40	26		
i i	40	63	25		
i	63	100	24		
	100	140	22		
Impact strength	Nomina	al thickness (mm)	Values (J)		
	>	≤		min	
		140	27	7 at -20°C	
Weldability	Nomina	al thickness (mm)	Values (%)		
	>	≤		max	
1		30		0,35	
	30	40		0,35	
A	40	140	0,38		
Durability	Nomina	al thickness (mm)	Values (%)		
(Chemical composition)	>	≤	max		
		140	C*: 0,17 Mn: 1,40 P: 0,030	Cu: 0,55 S: 0,030	
	*For nominal thickness >100 mm: C content upon agreement.				
	Fully killed stee (for example m	ontaining nitrogen binding e	element in amounts suffici	ent to bind the available nitrogen	



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

1) Code of the product type: 1.0114

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

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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
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Dorota Pietrzyk
Heat of Quality Control Dept.

Essential characteristic			Pe	erformance	Harmonised technical specification
Tolerances on	Angles		EN10056-2		
dimensions and shape	I and H sections		E	EN 10034	
	Tap	pered Flange I		EN 10024	
		UPE, UPN		EN 10279	
	Flat / Square / Round / T bars		EN 10058/EN 10	059/EN 10060/EN 10055	
Yield strength	Nomina	al thickness (mm)		lues (MPa)	
2.54	>	S		min	
		16	8	235	
	16	40		225	
	40	63			
	63	80	7	215	
	80	100			
	100	140	195		
Tensile strength	Nomina	al thickness (mm)	Va	lues (MPa)	
	>	≤	min	max	
	=3	100	360	510	
	100	140	350	500	
Elongation	Nomina	al thickness (mm)	Values (%)		
	>	≤	min		EN 10025-1:2004
	=3	40	26		E11 10020 112001
	40	63	25		
	63	100		24	
	100	140	22		
Impact strength		al thickness (mm)	Values (J)		
1.002	>	≤		min	
		140		27 at 0°C	
Weldability		al thickness (mm)	Values (%)		
	>	≤		max	
		30		0,35	
	30	40		0,35	
	40	140		0,38	
Durability		al thickness (mm)	Values (%)		
(Chemical composition)	>	≤		max	
, i		140	C*: 0,17 Mn: 1,40 P: 0.035	Cu: 0,55 S: 0,035 N**: 0,012	
	* For nominal th	nickness >100 mm C content	upon agreement		
	** The max. val	ue for introgen does not apply 0% or if sufficient other N bind	of the chemical composit	ion shows a minimum total Al	



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

1) Code of the product type: 1.0038

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

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

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Dorota Pietrzyk Head of Quality Control Dept.

Essential characteristic			Performance		Harmonised technical specification
Tolerances on	Angles			EN10056-2	
dimensions and shape	I and H sections			EN 10034	1
· ·	Tapered Flange I			EN 10024	1
		UPE, UPN		EN 10279	1
	Flat / Square / Round / T bars		EN 10058/EN 1	0059/EN 10060/EN 10055	1
Yield strength		al thickness (mm)		alues (MPa)	1
	>	≤		min	1
		16		235	1
	16	40		225	1
	40	63			ĺ
	63	80	1	215	
	80	100	1	2.0	
	100	140	195		1
Tensile strength	Nomin	al thickness (mm)	V	alues (MPa)	
	>	S	min	max	
	=3	100	360	510	
	100	140	350	500	
Elongation	Nomin	al thickness (mm)	Values (%)		
	>	S	min		EN 10025-1:2004
	=3	40	26		EN 10025-1.2004
	40	63	25		1
	63	100		24	1
	100	140		22	
Impact strength	Nomin	al thickness (mm)	Values (J)		
	>	≤	min		1
		140	2	27 at +20°C	
Weldability	Nomin	al thickness (mm)		Values (%)	
	>	≤		max	
		30		0,35	
	30	40		0,35	
- Anna Carlos	40	140	0.38		
Durability	Nomin	Nominal thickness (mm) Values (%)		Values (%)	
(Chemical composition)	>	≤		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 introgen does not apply if the chemical composition shows a minimum total Al				
	content of 0.03	lue for nitrogen does not apply 0% or if sufficient other N bind	y if the chemical compos	stion shows a minimum total Al	