

(according to regulation EU No 305/2011)

No. AMOS-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 Ostrava a.s.
Vratimovska 689
70702 Ostrava Kuncice
Czech Republic
Tel. +420 59 733 1111

sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 1020 Technical and Test Institute for Construction Prague (TZUS) 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 certificates 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:

Alan Dorňák Director of Rolling Mills

Essential characteristic			Performance		Harmonised technical specification
Tolerances on		Angles	EN	10056-2	
dimensions and shape		I and H sections	EN	I 10034	
		Tapered Flange I	EN	I 10024	
		UPE, UPN	EN	I 10279	
	Flat /	Square / Round / T bars	EN 10058/EN 100	59/EN 10060/EN 10055	
Yield strength	Nor	ninal thickness (mm)	Valu	es (MPa)	
	>	≤		min	
		16		235	
	16	40		225	
	40	63			
	63	80		215	
	80	100			
	100	140		195	
Tensile strength	Nor	ninal thickness (mm)	Valu	es (MPa)	
	>	≤	min	max	
	=3	100	360	510	
	100	140	350	500	
Elongation	Nor	ninal thickness (mm)	Val	ues (%)	
	>	≤	min		EN 10025-1:2004
	=3	40		26	
	40	63		25	
	63	100		24	
	100	140		22	
Impact strength	Nor	ninal thickness (mm)	Va	lues (J)	
	>	≤		min	
		140		at +20℃	
Weldability	-	ninal thickness (mm)	Val	ues (%)	
	>	≤		max	
		30		0,35	
	30	40		0,35	
	40	140	0,38		
Durability	Nominal thickness (mm)		Val	ues (%)	
(Chemical composition)	>	≤		max	
		140	C*: 0,17	Cu: 0,55	
			Mn : 1,40	S:0,040	
			P:0,040	N** : 0,012	
		nal thickness > 40 mm C: 0,20. For x. value for nitrogen does not apply			
		x. value for nitrogen does not apply 0,020% or if sufficient other N bind		i snows a minimum total Al	



(according to regulation EU No 305/2011)

No. AMOS-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 Ostrava a.s.
Vratimovska 689
70702 Ostrava Kuncice
Czech Republic
Tel. +420 59 733 1111
sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 1020 Technical and Test Institute for Construction Prague (TZUS) 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 certificates 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:

Alan Dorňák Director of Rolling Mills

Essenti	al chara	cteristic	Perf	ormance	Harmonised technical specification		
Tolerances on		Angles	EN10056-2		EN10056-2		
dimensions and shape		I and H sections	EN	10034			
		Tapered Flange I	EN	10024			
		UPE, UPN	EN	10279			
	Flat /	Square / Round / T bars	EN 10058/EN 1005	59/EN 10060/EN 10055			
Yield strength	Nor	ninal thickness (mm)	Valu	es (MPa)			
	>	≤		min			
		16		235			
	16	40		225			
	40	63					
	63	80		215			
	80	100					
	100	140		195			
Tensile strength	Nor	ninal thickness (mm)	Valu	es (MPa)			
	>	≤	min	max			
	=3	100	360	510			
	100	140	350	500			
Elongation	Nor	ninal thickness (mm)	Values (%)				
	>	≤		min	EN 10025-1:2004		
	=3	40		26			
	40	63		25			
	63	100		24			
	100	140		22			
Impact strength	Nor	ninal thickness (mm)	Val	ues (J)			
	>	≤		min			
		140		at 0℃			
Weldability		ninal thickness (mm)		ues (%)			
	>	≤		max			
		30		0,35			
	30	40		0,35			
	40	140	0,38				
Durability		ninal thickness (mm)	Values (%)				
(Chemical composition)	>	<u>≤</u>	max				
		140	C*: 0,17				
			Mn : 1,40	S: 0,035			
	*	in all this language at 100 manage C	P:0,035	N** : 0,012			
	** The ma	inal thickness >100 mm: C content x. value for nitrogen does not apply	upon agreement. if the chemical composition	shows a minimum total AI			



(according to regulation EU No 305/2011)

No. AMOS-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 Ostrava a.s.
Vratimovska 689
70702 Ostrava Kuncice
Czech Republic
Tel. +420 59 733 1111

sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 1020 Technical and Test Institute for Construction Prague (TZUS) 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 certificates 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:

Alan Dorňák Director of Rolling Mills

Essenti	al chara	cteristic	Perf	ormance	Harmonised technical specification		
Tolerances on	Angles		EN10056-2		EN10056-2		
dimensions and shape		I and H sections	EN	l 10034			
		Tapered Flange I	EN	l 10024			
		UPE, UPN	EN	l 10279			
	Flat /	Square / Round / T bars	EN 10058/EN 100	59/EN 10060/EN 10055			
Yield strength	Nor	ninal thickness (mm)	Valu	es (MPa)			
	>	≤		min			
		16		235			
	16	40		225			
	40	63					
	63	80		215			
	80	100					
	100	140		195			
Tensile strength	Nor	ninal thickness (mm)	Valu	es (MPa)			
	>	≤	min	max			
	=3	100	360	510			
	100	140	350	500			
Elongation	Nor	ninal thickness (mm)	Values (%)				
	>	≤		min	EN 10025-1:2004		
	=3	40		26			
	40	63		25			
	63	100		24			
	100	140		22			
Impact strength	Nor	ninal thickness (mm)	Va	lues (J)			
	>	≤		min			
		140		at -20℃			
Weldability		ninal thickness (mm)	Val	ues (%)			
	>	≤		max			
		30		0,35			
	30	40	0,35				
	40	140	0,38				
Durability		ninal thickness (mm)	(mm) Values (%)				
(Chemical composition)	>	≤	max C*: 0,17				
	-	140					
			Mn : 1,40	S:0,030			
	* F	and third and the same of the	P:0,030				
		nal thickness >100 mm: C content		nt to hind the available nitrogen			
	Fully killed steel containing nitrogen binding element in amounts sufficient to bind the available nitrogen (for example min. 0,02% AI)						



(according to regulation EU No 305/2011)

No. AMOS-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 Ostrava a.s.
Vratimovska 689
70702 Ostrava Kuncice
Czech Republic
Tel. +420 59 733 1111
sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 1020 Technical and Test Institute for Construction Prague (TZUS) 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 certificates 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:

Alan Dorňák Director of Rolling Mills

Essential characteristic			Perf	ormance	Harmonised technical specification
Tolerances on		Angles	EN	10056-2	
dimensions and shape		I and H sections	EN	N 10034	
		Tapered Flange I	EN	N 10024	
		UPE, UPN	EN	N 10279	
	Flat /	Square / Round / T bars	EN 10058/EN 100	59/EN 10060/EN 10055	
Yield strength	Nor	ninal thickness (mm)	Valu	ies (MPa)	
_	^	≤		min	
		16		275	
	16	40		265	
	40	63		255	
	63	80		245	
	80	100		235	
	100	140		225	
Tensile strength	Nor	ninal thickness (mm)	Valu	ies (MPa)	
_	^	≤	min	max	
	=3	100	410	560	
	100	140	400	540	
Elongation	Nor	ninal thickness (mm)	Values (%)		
	>	≤	min		EN 10025-1:2004
	=3	40		23	
	40	63		22	
	63	100		21	
	100	140		19	
Impact strength		ninal thickness (mm)	Va	lues (J)	
	>	≤		min	
		140		at +20℃	
Weldability		ninal thickness (mm)	Va	lues (%)	
	>	≤ 30		max	
	30	30 40		0,40 0,40	
	40	140			
Durability	. •	ninal thickness (mm)	0,42 Values (%)		
(Chemical composition)		<u> </u>	Val		
(Chambal Composition)	>	140	C*: 0,21	Max Cu: 0,55	
		140	Mn : 1,50	S: 0,040	
			P: 0.040	N** : 0.012	
	* For nom	nal thickness > 40 mm C: 0,22. Fo			
	** The ma	x. value for nitrogen does not apply 0,020% or if sufficient other N bind	if the chemical composition		



(according to regulation EU No 305/2011)

No. AMOS-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

ArcelorMittal Ostrava a.s. 3) Vratimovska 689 70702 Ostrava Kuncice Czech Republic Tel. +420 59 733 1111 sections.arcelormittal.com

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

Notified factory production control certification body No. 1020 Technical and Test Institute for Construction Prague (TZUS) 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 certificates 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:

Alan Dorňák Director of Rolling Mills

Essential characteristic			Performance		Harmonised technical specification
Tolerances on		Angles	Е	N10056-2	
dimensions and shape	1	I and H sections		EN 10034	
		apered Flange I		EN 10024	
		UPE, UPN		N 10279	
	Flat / Sc	uare / Round / T bars		059/EN 10060/EN 10055	
Yield strength		nal thickness (mm)		lues (MPa)	
	>	<u>≤</u>		min	
		16		275	
	16	40		265	
	40	63		255	
	63	80		245	
	80	100		235	
	100	140		225	
Tensile strength		nal thickness (mm)	Va	lues (MPa)	
•	>	≤ ` ′	min	max	
	=3	100	410	560	
	100	140	400	540	
Elongation	Nomi	nal thickness (mm)	V	alues (%)	
	>	≤	min		EN 10025-1:2004
	=3	40		23	
	40	63		22	
	63	100		21	
	100	140		19	
Impact strength	Nomir	nal thickness (mm)	V	/alues (J)	
	>	≤		min	
		140		27 at 0℃	
Weldability	Nomi	nal thickness (mm)	V	alues (%)	
	>	≤		max	
		30		0,40	
	30	40	0,40		
	40	140	0,42		
Durability	Nomi	nal thickness (mm)	Values (%)		
(Chemical composition)	>	≤		max	
		140	C*: 0,18	Cu: 0,55	
			Mn : 1,50	S:0,035	
			P:0,035	N** : 0,012	
	** The max. v	thickness >100 mm: C content alue for nitrogen does not apply 20% or if sufficient other N bind	if the chemical composit		



(according to regulation EU No 305/2011)

No. AMOS-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 Ostrava a.s.
Vratimovska 689
70702 Ostrava Kuncice
Czech Republic
Tel. +420 59 733 1111
sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 1020 Technical and Test Institute for Construction Prague (TZUS) 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 certificates 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:

Alan Dorňák Director of Rolling Mills

Essenti	Essential characteristic			ormance	Harmonised technical specification
Tolerances on		Angles	EN10056-2		
dimensions and shape		I and H sections	EN	l 10034	
		Tapered Flange I	EN	l 10024	
		UPE, UPN	EN	l 10279	
	Flat /	Square / Round / T bars	EN 10058/EN 1005	59/EN 10060/EN 10055	
Yield strength	Nor	ninal thickness (mm)	Valu	es (MPa)	
	>	≤		min	
		16		275	
	16	40		265	
	40	63		255	
	63	80		245	
	80	100		235	
	100	140		225	
Tensile strength	Nor	ninal thickness (mm)	Valu	es (MPa)	
	>	≤	min	max	
	=3	100	410	560	
	100	140	400	540	
Elongation	Nor	ninal thickness (mm)	Val	ues (%)	
	>	≤		min	EN 10025-1:2004
	=3	40		23	
	40	63		22	
	63	100		21	
	100	140		19	
Impact strength	Nor	ninal thickness (mm)	Va	lues (J)	
	>	≤		min	
		140		at -20℃	
Weldability		ninal thickness (mm)		ues (%)	
	>	≤		max	
		30		0,40	
	30	40	0,40		
	40	140	0,42		
Durability		Nominal thickness (mm)		ues (%)	
(Chemical composition)	>	≤			
		140	C*: 0,18 Cu: 0,55		
			Mn: 1,50 S: 0,030		
	* [	in all this language at 100 manns Ctt	P:0,030		
		inal thickness >100 mm: C content d steel containing nitrogen binding e		it to hind the available nitrogen	



(according to regulation EU No 305/2011)

No. AMOS-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 Ostrava a.s.
Vratimovska 689
70702 Ostrava Kuncice
Czech Republic
Tel. +420 59 733 1111
sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 1020 Technical and Test Institute for Construction Prague (TZUS) 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 certificates 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:

Alan Dorňák Director of Rolling Mills

Essenti	al chara	cteristic	Perfo	rmance	Harmonised technical specification
Tolerances on		Angles	EN10056-2		
dimensions and shape		I and H sections	EN	10034	
		Tapered Flange I	EN	10024	
		UPE, UPN	EN	10279	
	Flat /	Square / Round / T bars	EN 10058/EN 10059	9/EN 10060/EN 10055	
Yield strength	Nor	ninal thickness (mm)	Value	s (MPa)	
	>	≤	r	nin	
1		16	3	355	
	16	40		345	
1	40	63	3	335	
	63	80	3	325	
	80	100	3	315	
	100	140	2	295	
Tensile strength	Nor	ninal thickness (mm)	Value	s (MPa)	
	>	≤	min	max	
	=3	100	470	630	
	100	140	450	600	
Elongation	Nominal thickness (mm)		Valu	es (%)	
	>	≤	min		EN 4000E 4 0004
	=3	40	22		EN 10025-1:2004
	40	63		21	
	63	100		20	
	100	140		18	
Impact strength		ninal thickness (mm)		ies (J)	
	>	≤		nin	
		140		+20℃	
Weldability		ninal thickness (mm)		es (%)	
	>	≤		nax	
		30		,45	
	30	40		,47	
	40	140		,47	
Durability	· · · · · · · · · · · · · · · · · · ·		es (%)		
(Chemical composition)	>	≤		nax	
		140	C*: 0,24	Cu : 0,55	
			Si: 0,55	S: 0,040	
			Mn : 1,60	N** : 0,012	
		1411	P:0,040		
		nal thickness >100 mm: C content x. value for nitrogen does not apply		shows a minimum total Al	
		0,020% or if sufficient other N bind			



(according to regulation EU No 305/2011)

No. AMOS-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 Ostrava a.s.
Vratimovska 689
70702 Ostrava Kuncice
Czech Republic
Tel. +420 59 733 1111
sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 1020 Technical and Test Institute for Construction Prague (TZUS) 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 certificates 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:

Alan Dorňák Director of Rolling Mills

Essenti	al chara	cteristic	Perf	ormance	Harmonised technical specification
Tolerances on		Angles	EN10056-2		
dimensions and shape		I and H sections	EN	10034	
		Tapered Flange I	EN	10024	
		UPE, UPN	EN	10279	
	Flat /	Square / Round / T bars	EN 10058/EN 1005	59/EN 10060/EN 10055	
Yield strength	Non	ninal thickness (mm)	Valu	es (MPa)	
	>	≤		min	
		16		355	
	16	40		345	
	40	63		335	
	63	80		325	
	80	100		315	
	100	140		295	
Tensile strength	Non	ninal thickness (mm)	Valu	es (MPa)	
	>	≤	min	max	
	=3	100	470	630	
	100	140	450	600	
Elongation	Nominal thickness (mm)		Val	ues (%)	
	>	≤	min		=\\
	=3	40	22		EN 10025-1:2004
	40	63	21		
	63	100		20	
	100	140		18	
Impact strength		ninal thickness (mm)	Val	ues (J)	
	>	≤		min	
		140		at 0℃	
Weldability		ninal thickness (mm)	+	ues (%)	
	>	≤		max	
		30		0,45	
	30	40		0,47	
D 199	40	140		0,47	
Durability	Nominal thickness (mm)			ues (%)	
(Chemical composition)	>	<u>≤</u>		max	
		140	C*: 0,20	Cu: 0,55	
			Si: 0,55	S: 0,035	
			Mn : 1,60	N** : 0,012	
	* For nom	nal thickness > 30 mm C: 0,22. For	P: 0,035	m: C content upon agreement	
		nai thickness > 30 mm C: 0,22. Fol x. value for nitrogen does not apply			
		0,020% or if sufficient other N bind			



(according to regulation EU No 305/2011)

No. AMOS-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 Ostrava a.s.
Vratimovska 689
70702 Ostrava Kuncice
Czech Republic
Tel. +420 59 733 1111

sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 1020 Technical and Test Institute for Construction Prague (TZUS) 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 certificates 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:

Alan Dorňák Director of Rolling Mills

Essential characteristic			Per	formance	Harmonised technical specification
Tolerances on		Angles	EN10056-2		
dimensions and shape		I and H sections	EI	N 10034	
		Tapered Flange I	El	N 10024	
		UPE, UPN	El	N 10279	
	Flat / S	Square / Round / T bars	EN 10058/EN 100	059/EN 10060/EN 10055	
Yield strength	Nom	ninal thickness (mm)	Valu	ues (MPa)	
	>	≤		min	
		16		355	
	16	40		345	
	40	63		335	
	63	80		325	
	80	100		315	
	100	140		295	
Tensile strength	Nom	inal thickness (mm)	Valu	ues (MPa)	
	^	≤	min	max	
	=3	100	470	630	
	100	140	450	600	
Elongation	Nom	inal thickness (mm)	Va	lues (%)	
	>	≤	min		EN 10025-1:2004
	=3	40		22	
	40	63		21	
	63	100		20	
	100	140		18	
Impact strength	Nom	inal thickness (mm)	Va	alues (J)	
	>	≤		min	
		140		at -20℃	
Weldability		inal thickness (mm)	Va	lues (%)	
	>	≤		max	
	00	30		0,45	
	30	40	-,		
Demak iliter	40	140	0,47		
Durability (Chemical composition)			al thickness (mm) Values (%)		
(Chemical composition)	>	<u>≤</u> 140	C* - 0 20	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 e	lement in amounts sufficie	ent to bind the available nitrogen	
	(for example	e min. 0,02% AI)			



(according to regulation EU No 305/2011)

No. AMOS-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 Ostrava a.s.
Vratimovska 689
70702 Ostrava Kuncice
Czech Republic
Tel. +420 59 733 1111
sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 1020 Technical and Test Institute for Construction Prague (TZUS) 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 certificates 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:

Alan Dorňák Director of Rolling Mills

Essential characteristic			Perf	ormance	Harmonised technical specification
Tolerances on		Angles	EN10056-2		
dimensions and shape		I and H sections	EN	10034	
		Tapered Flange I	EN	10024	
		UPE, UPN	EN	10279	
	Flat /	Square / Round / T bars	EN 10058/EN 1005	59/EN 10060/EN 10055	
Yield strength	Non	ninal thickness (mm)	Valu	es (MPa)	
	>	≤		min	
		16		355	
	16	40		345	
	40	63		335	
	63	80		325	
	80	100		315	
	100	140		295	
Tensile strength	Non	ninal thickness (mm)	Valu	es (MPa)	
	>	≤	min	max	
	=3	100	470	630	
	100	140	450	600	
Elongation	Non	ninal thickness (mm)	Val	ues (%)	
	>	≤	min		EN 10025-1:2004
	=3	40		22	
	40	63		21	
	63	100		20	
	100	140		18	
Impact strength		ninal thickness (mm)	Val	ues (J)	
	>	≤		min	
		140		at -20℃	
Weldability	-	ninal thickness (mm)		ues (%)	
	>	≤ 30		max 0.45	
	30	40		0.47	
	40	140		0.47	
Durability		ninal thickness (mm)	Values (%)		
(Chemical composition)	>	<u>≤</u>	1	max	
( = = : <del>-</del> = = : <del>-</del> = = :)	-	140	C*: 0,20	Cu : 0,55	
			Si : 0,55	S: 0,030	
			Mn : 1.60	P: 0.030	
	* For nomi	nal thickness > 30 mm C: 0,22. For			
	Fully killed	steel containing nitrogen binding e le min. 0,02% AI)			



(according to regulation EU No 305/2011)

No. AMOS-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 Ostrava a.s.
Vratimovska 689
70702 Ostrava Kuncice
Czech Republic
Tel. +420 59 733 1111
sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 1020 Technical and Test Institute for Construction Prague (TZUS) 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 certificates 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:

Alan Dorňák Director of Rolling Mills

Essenti	al chara	acteristic		Performanc	е	Harmonised technical specification
Tolerances on		Angles	EN10056-2			•
dimensions and shape		I and H sections		EN 10034		
		Tapered Flange I	EN 10024			
		UPE, UPN		EN 10279		
	Flat /	Square / Round / T bars	EN 10058/FI		0060/EN 10055	
Yield strength		minal thickness (mm)		Values (MPa		
· · · · · · · · · · · · · · · · · · ·	>	≤		min	-7	
		16		355		
	16	40		345		
	40	63		335		
	63	80		325		
	80	100		325		
	100	140		320		
Tensile strength	No	minal thickness (mm)		Values (MPa	a)	
_	>	≤	min		max	
		40	470		630	
	40	63	450		610	
	63	80	440		600	
	80	100	440		600	
	100	140	430		590	
Elongation	No	minal thickness (mm)		Values (%)		EN 4000E 4 0004
	^	<b>≤</b>		min		EN 10025-1:2004
		140		22		
Impact strength	No	minal thickness (mm)		Values (J)		
	^	VI		min		
		140		40 at -20℃		
Weldability	No	minal thickness (mm)		Values (%)		
	>	≤		max		
		16		0,39		
	16	40		0,39		
	40	63		0,40		
	63	140	0,45			
Durability	No	minal thickness (mm)	Values (%)			
(Chemical composition)	>	≤	min		nax	
		140		C: 0,16	Ti: 0,05	
				Mn : 1,60	Cr : 0,30	
				Si: 0,50	Mo: 0,10	
				P: 0,035 S: 0,030	Ni : 0,50 Cu : 0,55	
				Nb: 0,030	N: 0,015	
				V: 0,10	14 . 0,013	
			Al* : 0.02	v . O, 10	1	
	* If suffici	ent other nitrogen binding elements		ı nimum aluminium r	equirement does	
	* If sufficient other nitrogen binding elements are present, the minimum aluminium requirement does not apply					



(according to regulation EU No 305/2011)

No. AMOS-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 Ostrava a.s.
Vratimovska 689
70702 Ostrava Kuncice
Czech Republic
Tel. +420 59 733 1111
sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 1020 Technical and Test Institute for Construction Prague (TZUS) 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 certificates 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:

Alan Dorňák Director of Rolling Mills

Date: 01.11.2014

Essenti	al chara	acteristic		Performano	e	Harmonised technical specification
Tolerances on		Angles	EN10056-2			
dimensions and shape	I and H sections		EN 10034			
	Tapered Flange I			EN 10024		
		UPE, UPN		EN 10279		
	Flat /	Square / Round / T bars	EN 10058/E	N 10059/EN 1	0060/EN 10055	
Yield strength		minal thickness (mm)		Values (MP	a)	
	>	≤ , , ,		min	•	
		16		420		
	16	40		400		
	40	63		390		
	63	80		380		
	80	100		370		
	100	140		365		
Tensile strength	No	minal thickness (mm)		Values (MP	a)	
	>	≤	min		max	
		40	520		680	
	40	63	500		660	
	63	80	480		640	
	80	100	470		630	
	100	140	460		620	
Elongation		minal thickness (mm)		Values (%)		EN 10025-1:2004
	>	≤		min		LIN 10023-1.2004
		140		19		
Impact strength		minal thickness (mm)		Values (J)		
	>	≤		min		
100		140		40 at -20℃		
Weldability		minal thickness (mm)		Values (%)		
	>	≤		max		
	40	16		0,43		
	16	40		0,45		
	40	63		0,46		
Durability	63	140 minal thickness (mm)	0,47			
(Chemical composition)		minai tnickness (mm) ≤	Values (%)			
(Chemical composition)	>	140	min	C : 0,18	nax Ti : 0,05	
		140		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		
			AI*: 0,02		<del></del>	
	* If suffici not apply	ent other nitrogen binding elements	are present, the mi	nimum aluminium	requirement does	
	ot apply					



(according to regulation EU No 305/2011)

No. AMOS-5/01-CPR-13-1

1) Code of the product type: **1.8959** 

# 2) Type: Sections/Bars 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

3) ArcelorMittal Ostrava a.s.
Vratimovska 689
70702 Ostrava Kuncice
Czech Republic
Tel. +420 59 733 1111
sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 1020 Technical and Test Institute for Construction Prague (TZUS) 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 certificates 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:

Alan Dorňák Director of Rolling Mills

Essential characteristic			Performance			Harmonised technical specification
Tolerances on	Angles		EN10056-2			-
dimensions and shape	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)			
	^	<b>Y</b>	min			
		16	355			
	16	40		345		
Tensile strength	No	minal thickness (mm)		Values (MPa)		
	>	≤	min		max	
	=3	40	470		630	
Elongation	No	minal thickness (mm)	Values (%)			
	>	≤	min			
	=3	40		22		
Impact strength	No	minal thickness (mm)	min			
	>	≤				
		40		27 at 0℃		EN 10025-1:2004
Weldability		minal thickness (mm)		Values (%)		
	>	≤				
		16		NPD		
	16	40				
Durability		minal thickness (mm)		Values (%)		
(Chemical composition)	>	≤	min	max		
		40		C: 0,16	S: 0,040	
				Si : 0,50	N* : 0,009	
			Mn : 0,50	P: 0,040	1,50	
			Cu : 0,25		0,55	
			Cr : 0,40	Cu :		
	* It is permissible to exceed the specified values provided that for each increase of 0,001 % N, the Pmax content will be reduced by 0,005%; the N content of the ladle analysis, however, shall not be more than 0,012%. The max. value for nitrogen does not apply if the chemical composition shows a minimum total AI content of 0,020% or if sufficient other N binding elements are present.  The N binding elements shall be mentioned in the inspection document.  The steels may show a Ni content of max. 0,65%. The steels may contain max. 0,30% Mo and max. 0,15% Zr.					



(according to regulation EU No 305/2011)

No. AMOS-5/02-CPR-13-1

1) Code of the product type: **1.8965** 

# 2) Type: Sections/Bars 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

3) ArcelorMittal Ostrava a.s.
Vratimovska 689
70702 Ostrava Kuncice
Czech Republic
Tel. +420 59 733 1111
sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 1020 Technical and Test Institute for Construction Prague (TZUS) 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 certificates 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:

Alan Dorňák Director of Rolling Mills

Essential characteristic			Performance				Harmonised technical specification
Tolerances on	Angles		EN10056-2				
dimensions and shape	I and H sections			EN 10	0034		
	Tapered Flange I		EN 10024				
	UPE, UPN		EN 10279			I	
	Flat / Square / Round / T bars		EN 10058/EN 10059/EN 10060/EN 10055				
Yield strength	Nominal thickness (mm)		Values (MPa)				
	> ≤			mi	in		
		16	355				
	16	40	345				
Tensile strength	Nominal thickness (mm)		Values (MPa)				
	^	≤	min			max	
	=3	40	470			630	
Elongation	No	minal thickness (mm)	Values (%)				
_	^	≤	min				
	=3	40		22			
Impact strength	Nominal thickness (mm)		Values (J)				
	>	≤	min				
		40	27 at -20℃				
Weldability	Nominal thickness (mm)		Values (%)			EN 10025-1:2004	
	>	≤					
		16	NPD				
	16	40					
Durability		minal thickness (mm)		Values (%)			
(Chemical composition)	>	≤	min			ax	
		40		C: 0,1		S: 0,035	
				Si : 0,5 P : 0,0		N* : 0,009	
			Mn : 0,50	1 . 0,0	Mn :	1,50	
			Cu: 0,25		Cu:		
			Cr: 0,40		Cr:		
	* It is permissible to exceed the specified values provided that for each increase of 0,001 % N, the Pmax content will be reduced by 0,005%; the N content of the ladle analysis, however, shall not be more than 0,012%. 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.						
	Addition of nitrogen binding elements: the steels shall contain at least one of the following elements: Al total ≥ 0,020%, Nb: 0,015 - 0,060%, V: 0,02-0,12%, Ti: 0,02 - 0,10%. If these elements are used in combination, at least one of them shall be present with the minimum content indicated.						
	The steels may show a Ni content of max. 0,65%. The steels may contain max. 0,30% Mo and max. 0,15% Zr.						
	Fully killed steel containing nitrogen binding element in amounts sufficient to bind the available nitrogen (for example min. 0,02% AI)						



(according to regulation EU No 305/2011)

No. AMOS-5/03-CPR-13-1

1) Code of the product type: **1.8967** 

# 2) Type: Sections/Bars 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

3) ArcelorMittal Ostrava a.s.
Vratimovska 689
70702 Ostrava Kuncice
Czech Republic
Tel. +420 59 733 1111
sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 1020 Technical and Test Institute for Construction Prague (TZUS) 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 certificates 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:

Alan Dorňák Director of Rolling Mills

Essential characteristic				Harmonised technical specification		
Tolerances on	Angles			EN10056	6-2	
dimensions and shape	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)			
3	> ≤		min			
		16	355			
	16	40	345			
Tensile strength	Nominal thickness (mm)			Values (N	IPa)	
	>	≤	min		max	
	=3	40	470		630	
Elongation	No	minal thickness (mm)	Values (%)			
	>	≤	min			
	=3	40		22		
Impact strength	Nominal thickness (mm)		Values (J)			
	>	≤	min			
		40	40 at -20℃			
Weldability	Nominal thickness (mm)		Values (%)			EN 10025-1:2004
	>	≤				
		16	NPD			
<u> </u>	16	40				
Durability		minal thickness (mm)		Values (%)		
(Chemical composition)	>	≤	min	0 0 10	max	
		40		C: 0,16	S: 0,035	
				Si : 0,50 P : 0,035	N* : 0,009	
			Mn : 0,50		In : 1,50	
			Cu : 0,25		u : 0,55	
			Cr : 0,40		r : 0,80	
	* It is permissible to exceed the specified values provided that for each increase of 0,001 % N, the Pmax content will be reduced by 0,005%; the N content of the ladle analysis, however, shall not be more than 0,012%. 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.					
	Addition of nitrogen binding elements: the steels shall contain at least one of the following elements: Al total ≥ 0,020%, Nb: 0,015 - 0,060%, V: 0,02-0,12%, Ti: 0,02 - 0,10%. If these elements are used in combination, at least one of them shall be present with the minimum content indicated.					
	The steels may show a Ni content of max. 0,65%. The steels may contain max. 0,30% Mo and max. 0,15% Zr. Fully killed steel containing nitrogen binding element in amounts sufficient to bind the available nitrogen (for example min. 0,02% AI)					