

No AMDI-2/01-CPR-13-1 Code of the product type: 1) 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

ArcelorMittal Belval and Differdange S.A Site of Differdange Rue Emile Mark L-4503 Differdange (G.D. of Luxembourg) sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 0769 Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl, Holz und Steine performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Christophe Houyoux

Quality Manager

Essential characteristic			Performance		Harmonised technical specification
	1/	Н	EN ′	10034	
Tolerances on					
dimensions and					_
shape					
	Nominal thic	kness (mm)	Value	s (MPa)	\dashv
-	>	≤		nin	\dashv
		16	2	35	
Yield strength	16	40	2	25	
-	40	63		15	
-	63	80		15	
	80	100		15	
ŀ	100	140	1	95	\dashv
	Nominal thic	kness (mm)	Value	s (MPa)	
	>	≤	min	max	
Tensile strength	=3	100	360	510	
Tensile strength	100	140	350	500	_
}		 		+	\dashv
	Nominal thickness (mm)		Valu	es (%)	EN 10025-1:200
[>	≤	min		
Elongation	=3	40	26		
 	40	63		25	_
ŀ	63 100	100 140	24 22		
	Nominal this	knoog (mm)	Valu	unc (I)	
Impact strength	Nominal thic		Values (J)		_
-	>	≤ 140		nin 20°C	
	Nominal thic		Values (%)		\neg
ŀ	>	≤	m	nax	\dashv
Weldability		30	0	,35	
	30	40	0	,35	
	40	140	0,38		_
Durability	Nominal thic	kness (mm)	Values (%)		
(Chemical	>	≤	min	max	
composition)		140		C: 0,17-0,20	7
				Mn : 1,40	
]		P: 0,040	
]		Cu : 0,55	
		1		S: 0,040	
		l .		N: 0,012	



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

1) Code of the product type: \$235J0

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

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

System 2+

Notified factory production control certification body No. 0769
Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl,
Holz und Steine performed the initial inspection of the manufacturing
plant and of factory production control and the continuous surveillance,
assessment, and evaluation of factory production control and issued
the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Christophe Houyoux

Quality Manager

Essential characteristic		Performance		Harmonised technical specification	
	1/	Н	EN 1	0034	
Tolerances on					_
dimensions and					
shape					
	Nominal thic	kness (mm)	Values	s (MPa)	\dashv
-	>	≤	m		\dashv
		16	23	35	
Yield strength	16	40		25	
g	40	63		15	
-	63	80		15	
}	80 100	100 140		15 95	_
	100	140			
	Nominal thic	kness (mm)	Values (MPa)		
	>	≤	min	max	
Tensile strength	=3	100	360	510	_
- Toniono on onigin	100	140	350	500	
-					
					7
	Nominal thickness (mm)		Value	es (%)	EN 10025-1:200
	>	≤	min		
Elongation	=3	40	<u>26</u> 25		
-	40 63	63 100		4	\dashv
ţ	100	140		2	\exists
	Nominal thic	kness (mm)	Value	es (J)	
Impact strength	>	≤	min		_
		140		0°C	
	Nominal thic	kness (mm)	Values (%)		
<u>[</u>	>	≤	m	ax	
Weldability		30		35	
	30	40		35	_
}	40	140	0,38		\dashv
Durability	Nominal thic	kness (mm)	Values (%)		
(Chemical	>	≤	min	max	
composition)		140		C: 0,17	
]		Mn : 1,40	
				P: 0,035	
				Cu: 0,55	
]		S: 0,035 N: 0,012	
		i 1		IN . U,U IZ	I



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

1) Code of the product type: \$235J2

According EN 10025-2

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

2) ArcelorMittal Belval and Differdange S.A
Site of Differdange
Rue Emile Mark
L-4503 Differdange (G.D. of Luxembourg)
sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 0769
Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl,
Holz und Steine performed the initial inspection of the manufacturing
plant and of factory production control and the continuous surveillance,
assessment, and evaluation of factory production control and issued
the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Christophe Houyoux

Quality Manager

Essential characteristic			Perforn	Performance	
	1/	Н	EN 10	0034	specification
Tolerances on					
dimensions and					
shape					
	Nominal thic	kness (mm)	Values	(MPa)	
	>	≤	mii		
		16	23:	5	
Yield strength	16	40	22	5	
riela strength	40	63	21	5	
	63	80	21:	5	
Ī	80	100	21:	5	
	100	140	19	5	
	Nominal thic	kness (mm)	Values	(MPa)	
t	>	≤	min	max	
Tanaila atronoth	=3	100	360	510	
Tensile strength	100	140	350	500	
F					\blacksquare
	Nominal thickness (mm)		Values	s (%)	EN 10025-1:200
Ī	> ≤		mii	n	
Flammatian	=3	40	26		
Elongation	40	63	25	5	
	63	100	24	1	
-	100	140	22	2	
	Nominal thickness (mm)		Values (J)		
Impact strength	>	≤	mii	n	
		140	27 / -2		
	Nominal thic	kness (mm)	Values	s (%)	
Ī	>	≤	ma	X	
Weldability		30	0,3	5	
[30	40	0,3	5	
-	40	140	0,38		
Durability	Nominal thic	ckness (mm) Values (%)		s (%)	
(Chemical	>	≤	min	max	\dashv
composition)		140		C: 0,17	
·				Mn : 1,40	
				P: 0,030	
l			l	Cu : 0,55	
				S: 0,030	
				•	



No AMDI-2/04-CPR-13-1 Code of the product type: 1) 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

ArcelorMittal Belval and Differdange S.A Site of Differdange Rue Emile Mark L-4503 Differdange (G.D. of Luxembourg) sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 0769 Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl, Holz und Steine performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Christophe Houyoux

Quality Manager

Essential characteristic			Perfo	ormance	Harmonised technical specification
	1/	′ H	EN	10034	
Tolerances on dimensions and shape					
	Nominal thic	ckness (mm)		es (MPa)	
-	>	≤		min	
-		16		275	_
Yield strength	16	40		265	_
· · · · · ·	40	63		255	_
-	63	80		245	
-	80	100		235	_
}	100	140	4	225	_
	Nominal thic	ckness (mm)	Value	es (MPa)	
t	>	≤	min	max	
Tancila strangth	=3	100	410	560	
Tensile strength	100	140	400	540	
-		<u> </u>			
	Nominal thickness (mm)		Valu	 ies (%)	EN 10025-1:200
ŀ	> ≤		1	min	
Flammettam	=3	40	23		_
Elongation	40	63		22	
<u> </u>	63	100		21	
-	100	140		19	
	Nominal thic	ckness (mm)	Valu	ues (J)	
Impact strength	>	≤		min	_
		140		/ 20°C	
	Nominal thic	ckness (mm)	Values (%)		
	>	≤	r	nax	
Weldability		30),40	
	30	40),40	
-	40	140	0,42		<u> </u>
Durability	Nominal thic	ckness (mm)	Values (%)		
(Chemical	>	≤	min	max	
composition)		140		C: 0,21-0,22 Mn: 1,50 P: 0,040 Cu: 0,55 S: 0,040	
				P: 0,040	



No AMDI-2/05-CPR-13-1 Code of the product type: 1) 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 Belval and Differdange S.A Site of Differdange Rue Emile Mark L-4503 Differdange (G.D. of Luxembourg) sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 0769 Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl, Holz und Steine performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Christophe Houyoux

Quality Manager

Essential characteristic			Perform	Performance	
	I/H		EN 10034		specification
Tolerances on					
dimensions and					
shape					
	Nominal thick	(ness (mm)	Values (MPa)	
ļ	>	≤	min		
		16	275		
Violal atnovemb	16	40	265	,	
Yield strength	40	63	255		
Ī	63	80	245		
ŀ	80	100	235		
ļ	100	140	225		_
	Nominal thick	(ness (mm)	Values (MPa)	
-	>	≤	min	max	-
	=3	100	410	560	
Tensile strength	100	140	400	540	
F					
	Nominal thickness (mm)		Values	(%)	EN 10025-1:200
L	>	≤	min		
Elongation	=3	40	23		
gu	40	63	22		
<u>L</u>	63	100	21		
}	100	140	19		_
	Nominal thickness (mm)		Values (J)		
Impact strength	>	≤	min		
		140	27 / 0	°C	
	Nominal thick	(ness (mm)	Values	(%)	
	>	≤	max	(
Weldability		30	0,40)	
ĺ	30	40	0,40)	
Ī	40	140	0,42		7
Durability	Nominal thick	ominal thickness (mm) Values (%)		(%)	
(Chemical	>	≤	min	max	
composition)		140		:: 0,18	\dashv
		170		In : 1,50	
		1		: 0,035	
				u : 0,55	
		1		: 0,035	
				: 0,012	
				•	



No AMDI-2/06-CPR-13-1 Code of the product type: 1) 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

ArcelorMittal Belval and Differdange S.A Site of Differdange Rue Emile Mark L-4503 Differdange (G.D. of Luxembourg) sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 0769 Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl, Holz und Steine performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Christophe Houyoux

Quality Manager

Essential characteristic		Perforn	Performance		
	1/	Н	EN 10	0034	specification
Tolerances on dimensions and					
shape					
	Nominal thic	kness (mm)	Values	(MPa)	
	>	≤	mi	n	
Γ		16	27	5	
[16	40	26	 5	
Yield strength	40	63	25	5	
ŀ	63	80	24		┪
ŀ	80	100	23		
ļ	100	140	22		
	Nominal thic	kness (mm)	Values	(MPa)	\dashv
-	>	≤	min	max	
[=3	100	410	560	
Tensile strength	100	140	400	540	
Γ					
	Nominal thickness (mm)		Value	s (%)	EN 10025-1:2004
F	>	≤	min		
Elongation	=3	40	23	3	
Liongation	40	63	22		
<u> </u>	63	100	21		
-	100	140	19)	
Lanca et a tanan et	Nominal thic	kness (mm)	Value	s (J)	
Impact strength	>	≤ 140	mi 27 / -2		
	Nominal thic		27 / -20°C Values (%)		
					_
Woldobility:	>	≤ ≤	ma 0.4		\dashv
Weldability	30	30 40	0,4		\dashv
	40	140	0,4 0,4		\dashv
	40	140	0,4	2	
Durability	Nominal thic	kness (mm)	Value	s (%)	
(Chemical	>	≤	min	max	
composition)		140		C : 0,18 Mn : 1,50 P : 0,030 Cu : 0,55	
				S: 0,030	



No AMDI-2/08-CPR-13-1 Code of the product type: 1) 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

ArcelorMittal Belval and Differdange S.A Site of Differdange Rue Emile Mark L-4503 Differdange (G.D. of Luxembourg) sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 0769 Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl, Holz und Steine performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Christophe Houyoux

Quality Manager

Essential characteristic			Perfor	mance	Harmonised technical specification
	1/	Н	EN 1	0034	
Tolerances on dimensions and shape					
	Nominal thic	kness (mm)	Values	s (MPa)	_
-	>	≤		nin	
Ī	<u> </u>	16		55	
	16	40	3	45	
Yield strength	40	63		35	
Ţ.	63	80	3	25	
Ī	80	100	3	15	
ļ.	100	140	2	95	
	Nominal thic	kness (mm)	Values	s (MPa)	\dashv
ŀ	>	≤	min	max	_
Tanaila atranath	=3	100	470	630	
Tensile strength	100	140	450	600	
Ļ					
-					\dashv
	Nominal thickness (mm)		Value	es (%)	EN 10025-1:200
ļ -	> ≤		m	nin	
Elongation	=3	40	22		
Liongation	40	63		21	
	63	100		20	_
ŀ	100	140	1	8	
	Nominal thic	kness (mm)	Valu	es (J)	
Impact strength	>	≤	m	nin	
		140	27 /	′ 0°C	
	Nominal thic	kness (mm)	Value	es (%)	
Ţ	>	≤	m	ax	
Weldability		30		45	
	30	40		47	
-	40	140	0,47		
Durability	Nominal thic	kness (mm)	Values (%)		
(Chemical	>	≤	min	max	
composition)		140		C: 0,20-0,22	
				Si: 0,55	
				Mn : 1,60 P : 0,035	
				Cu: 0,55	
				S: 0,035	
				N: 0,012	



No AMDI-2/09-CPR-13-1 Code of the product type: 1) 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

ArcelorMittal Belval and Differdange S.A Site of Differdange Rue Emile Mark L-4503 Differdange (G.D. of Luxembourg) sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 0769 Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl, Holz und Steine performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Christophe Houyoux

Quality Manager

Essential characteristic			Perfor	mance	Harmonised technical specification
	1/	Н	EN 1	0034	
Tolerances on					
dimensions and					
shape					
	Nominal thic	kness (mm)	Values	s (MPa)	_
ŀ	>	≤	m	in	
Ī		16		55	
	16	40	34	45	
Yield strength	40	63		35	
l l	63	80		25	
ţ	80	100		15	
ļ	100	140		95	
	Nominal thic	kness (mm)	Values	s (MPa)	\dashv
ŀ	>	≤	min	max	
_	=3	100	470	630	
Tensile strength	100	140	450	600	
}					\dashv
	Nominal thickness (mm)		Value	es (%)	EN 10025-1:2004
	>	≤	min		
Elongation	=3	40		2	
Liongation	40	63	2		
	63	100		0	
-	100	140	1	8	
loon and a form with	Nominal thickness (mm)		Values (J)		
Impact strength	>	≤	min		
		140	27 / -20°C		
	Nominal thic	kness (mm)	Values (%)		
	>	≤		ax	_
Weldability		30		45	
Ļ	30	40		47	
}	40	140	0,47		
Durability	Nominal thic	kness (mm)	Values (%)		
(Chemical	>	≤	min	max	
`		140		C: 0,20-0,22	
composition)				Si : 0,55	
`					
`				Mn : 1,60	
`				Cu : 0,55	
`					



No AMDI-2/07-CPR-13-1 Code of the product type: 1) 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

ArcelorMittal Belval and Differdange S.A Site of Differdange Rue Emile Mark L-4503 Differdange (G.D. of Luxembourg) sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 0769 Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl, Holz und Steine performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Christophe Houyoux

Quality Manager

Essential characteristic		Perfori	mance	Harmonised technical specification	
Į.	1/	Н	EN 10	0034	
Tolerances on dimensions and shape					
	Nominal thic	ckness (mm)	Values	(MPa)	\dashv
	>	≤	mi	in	
		16	35	55	
Yield strength	16	40	34	! 5	
rieid strength	40	63	33	35	
	63	80	32	25	
<u> </u>	80	100	31		
	100	140	29	95	_
	Nominal thic	ckness (mm)	Values	(MPa)	
ŀ	>	≤	min	max	
Tanaila atranarih	=3	100	470	630	
Tensile strength	100	140	450	600	
	Nominal thickness (mm)		Value	es (%)	EN 10025-1:200
ŀ	>	≤	mi	in	
Elongation	=3	40	22		
Liongation	40	63	2		
	63	100	20		
	100	140	1	8	
	Nominal thic	kness (mm)	Value	es (J)	
Impact strength	>	≤	mi	in	
		140	27 / 2	20°C	
	Nominal thic	ckness (mm)	Values (%)		
t	>	≤	ma	ax	
Weldability		30	0,4		
	30	40	0,4		
}	40	140	0,47		\dashv
Durability	Nominal thic	kness (mm)	Values (%)		
(Chemical	>	≤	min	max	
composition)		140		C: 0,24	
				Si : 0,55	
				Mn : 1,60 P : 0,040	
				Cu : 0,55	
				S: 0,040	
				N : 0,012	



No AMDI-2/10-CPR-13-1 Code of the product type: 1) 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

ArcelorMittal Belval and Differdange S.A Site of Differdange Rue Emile Mark L-4503 Differdange (G.D. of Luxembourg) sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 0769 Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl, Holz und Steine performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Christophe Houyoux

Quality Manager

Essential characteristic			Perfo	Performance	
I	1/	H	EN	10034	specification
Į					
Tolerances on dimensions and shape					
	Nominal thic	kness (mm)	Value	es (MPa)	\dashv
	>	≤		min	
		16		355	
	16	40		345	
Yield strength	40	63		335	
Ī	63	80		325	
	80	100		315	
[100	140		295	
	Nominal thic	kness (mm)	Valu	es (MPa)	
}	>	≤	min	max	
	=3	100	470	630	
Tensile strength	100	140	450	600	
-					
	Nominal thickness (mm)		Val	l ues (%)	EN 10025-1:200
ŀ	>	≤	min		
Elengation	=3	40	22		
Elongation	40	63		21	
<u> </u>	63	100		20	
}	100	140		18	
	Nominal thic	kness (mm)	Val	ues (J)	
Impact strength	>	≤		min	
		140	40	/ -20°C	
	Nominal thic	kness (mm)	Values (%)		
	>	≤		max	
Weldability		30		0,45	
	30	40		0,47	
}	40	140	0,47		\dashv
Durability	Nominal thic	kness (mm)	Values (%)		
(Chemical	>	≤	min	max	
composition)		140		C: 0,20-0,22	_
				Si : 0,55	
				Mn : 1,60	
		<u> </u>		00.55	
				Cu : 0,55 S : 0,030	



Declaration of Performance

(according to regulation EU No 305/2011)

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

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

2) Type: Sections/Bars S450J0 according EN 10025-2

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

3) ArcelorMittal Belval and Differdange S.A Site of Differdange Rue Emile Mark
L-4503 Differdange (G.D. of Luxembourg)
Tel: +352 5820 2870
www.arcelormittal.com/sections

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

System 2+

Notified factory production control certification body No. 0769 Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl, Holz und Steine performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in the table.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed fo and on behalf of the manufacturer by:

Date: 01.07.2013

Jean-François Liesch Site Manager Differdange Christophe Houyoux Quality Manager

Just.

House

ification, as			16	4:	50	
		16	40	4:	30	
ructures		40	63	4	10	
		63	80	39	90	
e S.A		80	100	38	80	
		100	140	38	80	
h a)	Tensile strength	No	minal thickness (mm)	Values	s (MPa)	
bourg)		>	≤	min	max	
S		=3	100	550	720	
3		100	140	530	700	
nstancy of	Elongation	No	minal thickness (mm)	Value	es (%)	
		>	≤	m	nin	
		=3	40			EN 10025-1:2004
ody No. 0769		40	63]	7	
chsanstalt für		63	100] '	ı	
pection of the		100	140			
ontrol and the	Impact strength	No	minal thickness (mm)	Value	es (J)	
tion of factory		>	≤	m	nin	
nformity of the			140	27 a	t 0℃	
	Weldability	No	minal thickness (mm)	Value	es (%)	
		>	≤	m	ax	
ts 1 and 2 is in			30	0,	47	
the table.		30	40	0,	49	
ler the sole		40	140		49	
nt 3. Signed for	Durability	No	minal thickness (mm)	Value	es (%)	
y:	(Chemical composition)	>	≤		ax	
•			140	C: 0,20	Cu: 0,55	
e Houyoux				Si : 0,55	S: 0,035	
Manager				Mn : 1,70	N*: 0,025	
Ç		* The me	x. value for nitrogen does not apply it	P: 0,035	owo o minimum total Al	
			of 0,020% or if sufficient other N bindi		lows a minimum total At	
			may show a Nb content of max. 0,05	5%, a V content of max. 0,13%	% and a Ti content of max.	
Depocat		0,05%. Fully kille	ed steel containing nitrogen binding el	lement in amounts sufficient to	o bind the available nitrogen	
4			nple min. 0,02% AI)			

Essential characteristic

Angles

I and H sections

Tapered Flange I

UPE, UPN

HL920, HL1000 with G_{HL}>G_{HLM},

HD360/400, UB1016, HE1000

with $G_{HE} > G_{HEM}$

Nominal thickness (mm)

≤

Tolerances on

Yield strength

dimensions and shape

Harmonised

technical specification

Performance

EN10056-2

EN 10034

EN 10024

EN 10279

ASTM A6

Values (MPa)

min



No AMDI-2/12-CPR-20-1 Code of the product type: 1) S460JR According EN 10025-2

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

ArcelorMittal Belval and Differdange S.A Site of Differdange Rue Emile Mark L-4503 Differdange (G.D. of Luxembourg) sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 0769 Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl, Holz und Steine performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Christophe Houyoux

Quality Manager

Essential characteristic			Perfor	mance	Harmonised technical specification
	1/	Н	EN 1	0034	
Tolerances on dimensions and					_
					\dashv
shape					
	Nominal thic	kness (mm)	Values	s (MPa)	\dashv
	>	≤	m	nin	
		16	40	60	
Yield strength	16	40	4	40	
Tield Strelight	40	63	4:	20	
	63	80	4	00	
	80	100		90	
-	100	140	39	90	_
	Nominal thic	kness (mm)	Values	s (MPa)	
	>	≤	min	max	
Tensile strength	=3	100	550	720	
rensile strength	100	140	530	700	
}					\dashv
	Nominal thickness (mm)		Value	es (%)	EN 10025-1:200
	>	≤	min		
Elongation	=3	40	17		
Liongation	40	63		7	
	63	100		7	
}	100	140	1	7	
	Nominal thic	kness (mm)	Valu	es (J)	
Impact strength	>	≤	min		
		140	27 /	20°C	
	Nominal thic	kness (mm)	Values (%)		
	>	≤		ax	
Weldability		30		47	
-	30	40		49	
}	40	140	0,49		\dashv
Durability	Nominal thic	kness (mm)	Values (%)		
(Chemical	>	≤	min	max	
composition)		140		C: 0,20-0,22	
				Si : 0,55	
				Mn : 1,70	
				P : 0,035 Cu : 0,55	
				S: 0,035	
				N : 0,025	



No AMDI-2/13-CPR-20-1 Code of the product type: 1) S460J0 According EN 10025-2

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

ArcelorMittal Belval and Differdange S.A Site of Differdange Rue Emile Mark L-4503 Differdange (G.D. of Luxembourg) sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 0769 Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl, Holz und Steine performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Christophe Houyoux

Quality Manager

Essential characteristic		Perfo	ormance	Harmonised technical specification	
	1/	Н	EN	10034	
Tolerances on dimensions and shape					
_	Nominal thic	kness (mm) ≤		es (MPa)	
		16		460	
	16	40		440	
Yield strength	40	63		420	
	63	80		400	
ţ	80	100		390	
	100	140		390	
	Nominal thic	kness (mm)	Valu	es (MPa)	\dashv
ŀ	>	≤	min	max	
T	=3	100	550	720	
Tensile strength	100	140	530	700	
-					\dashv
-					
	Nominal thic	kness (mm)	Values (%)		EN 10025-1:200
	>	≤	min		
Elongation	=3	40		17	
g	40	63	17		_
ŀ	63 100	100 140		17 17	
	Nominal thic	kness (mm)	Val	ues (J)	
Impact strength		≤			
-	>	140	min 27 / 0°C		
	Nominal thic	kness (mm)	Val	ues (%)	
Ţ	>	≤		max	
Weldability		30		0,47	_
}	30	40		0,49	
<u> </u>	40	140		0,49	
Durability	Nominal thic	kness (mm)	Val	ues (%)	
(Chemical	>	≤	min	max	
composition)		140		C: 0,20-0,22	
				Si: 0,55	
				Mn : 1,70 P : 0,035	
				Cu: 0,55	
				S: 0,035	
				N: 0,025	



No AMDI-2/14-CPR-20-1 Code of the product type: 1) S460J2 According EN 10025-2

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

ArcelorMittal Belval and Differdange S.A Site of Differdange Rue Emile Mark L-4503 Differdange (G.D. of Luxembourg) sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 0769 Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl, Holz und Steine performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Christophe Houyoux

Quality Manager

Esse	Essential characteristic		Perf	ormance	Harmonised technical specification
	1/	Н	EN	10034	
Tolerances on dimensions and shape					
	Nominal thic	kness (mm)	Valu	es (MPa)	
	>	≤		min	
		16		460	
Viold strongth	16	40		440	
Yield strength	40	63		420	
Ţ	63	80		400	
Ī	80	100		390	
Ţ	100	140		390	
	Nominal thic	kness (mm)	Valu	es (MPa)	\dashv
-	>	≤	min	max	
[=3	100	550	720	
Tensile strength	100	140	530	700	
-					
	Nominal thickness (mm)		Val	ues (%)	EN 10025-1:200
ļ l	> ≤		min		
Elengation	=3	40	17		
Elongation	40	63	17		
<u> </u>	63	100		17	
-	100	140		17	
	Nominal thic	kness (mm)	Val	ues (J)	
Impact strength	>	≤		min	
		140	27	/ -20°C	
	Nominal thic	kness (mm)	Val	ues (%)	
	>	≤		max	
Weldability		30		0,47	
	30	40		0,49	_
-	40	140		0,49	
Durability	Nominal thic	kness (mm)	Val	ues (%)	
(Chemical	>	≤	min	max	
composition)		140		C: 0,20-0,22	
				Si: 0,55	
				Mn : 1,70 P : 0,035	
				Cu: 0,55	
				S: 0,035	
				N: 0,025	



No AMDI-2/15-CPR-20-1 Code of the product type: 1) S460K2 According EN 10025-2

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

ArcelorMittal Belval and Differdange S.A Site of Differdange Rue Emile Mark L-4503 Differdange (G.D. of Luxembourg) sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 0769 Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl, Holz und Steine performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Christophe Houyoux

Quality Manager

Essential characteristic		Perfo	rmance	Harmonised technical specification	
	1/	Н	EN	10034	
					_
Tolerances on dimensions and					_
					
shape					
	Nominal thic	kness (mm)	Value	s (MPa)	
<u> </u>	>	≤	r	nin	
		16	4	160	
Yield strength	16	40		40	
Liona on ong	40	63		20	
	63	80		100	
	80	100		390	
	100	140	3	390	\dashv
	Nominal thic	kness (mm)	Value	s (MPa)	
	>	≤	min	max	
Tensile strength	=3	100	550	720	
- Tensile strength	100	140	530	700	
					\dashv
	Nominal thickness (mm)		Valu	es (%)	EN 10025-1:200
	>	≤	min		
Elongation	=3	40		17	
<u> </u>	40	63		17	
+	63 100	100 140		17 17	-
Impact strength	Nominal thic	kness (mm)	Valu	ies (J)	
page on ongan	>	≤ 140		nin -20°C	4
	Nominal thic			es (%)	
	>	≤ (······)		nax	\dashv
Weldability		30		,47	
	30	40		,49	
	40	140	0,49		
Durability	Nominal thic	kness (mm)	Valu	es (%)	
(Chemical	>	≤	min	max	
composition)		140		C: 0,20-0,22	
				Si : 0,55	
				Mn : 1,70	
				P:0,035	
				Cu: 0,55	
		1		S: 0,035	I



No AMDI-2/16-CPR-20-1 Code of the product type: 1) S500J0 According EN 10025-2

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

ArcelorMittal Belval and Differdange S.A Site of Differdange Rue Emile Mark L-4503 Differdange (G.D. of Luxembourg) sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 0769 Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl, Holz und Steine performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Christophe Houyoux

Quality Manager

Essential characteristic		Perfor	rmance	Harmonised technical specification	
	1/	Н	EN 1	10034	
Tolerances on					
dimensions and					
shape					
	Nominal thic	kness (mm)	Value	s (MPa)	\dashv
t	>	≤		nin	
		16	5	00	
Viold of someth	16	40	4	80	
Yield strength	40	63	4	60	
	63	80	4	50	
	80	100	4	50	
	100	140	4	50	
	Nominal thic	kness (mm)	Value	s (MPa)	
	>	≤	min	max	
Tamaila atmanath	=3	100	580	760	
Tensile strength	100	140	560	750	
	Nominal thickness (mm)		Valu	es (%)	EN 10025-1:200
	>	> ≤		min	
Flowmetics	=3	40	15		
Elongation	40	63	1	15	
	63	100	1	15	
	100	140	1	15	
	Nominal thic	kness (mm)	Valu	es (J)	7
Impact strength	>	≤	n	nin	
		140	27 / 0°C		
	Nominal thic	kness (mm)	Valu	es (%)	
	>	≤	m	nax	
Weldability		30		,49	
_	30	40		,49	
	40	140	0,	,49	\dashv
Durability	Nominal thic	kness (mm)	Valu	es (%)	
(Chemical	>	≤	min	max	
composition)		140		C: 0,20-0,22	_
				Si : 0,55	
				Mn : 1,70	
				P: 0,035	
				Cu: 0,55	
		I I		S: 0,035	ı



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

1) Code of the product type: **S275M**According EN 10025-4

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

2) ArcelorMittal Belval and Differdange S.A
Site of Differdange
Rue Emile Mark
L-4503 Differdange (G.D. of Luxembourg)
sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 0769
Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl,
Holz und Steine performed the initial inspection of the manufacturing
plant and of factory production control and the continuous surveillance,
assessment, and evaluation of factory production control and issued
the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Christophe Houyoux

Quality Manager

Esse	ntial characterist	ic	Perfo	ormance	Harmonised technical specification
ļ	1/	Н	EN	10034	
Tolerances on dimensions and shape					-
	Nominal thic	kness (mm)	Value	es (MPa)	-
t	>	≤		min	<u> </u>
		16		275	7
Viald atnounds	16	40		265	1
Yield strength	40	63		255	1
	63	80		245	
	80	100		245]
-	100	140	-	240	-
	Nominal thic	kness (mm)	Value	es (MPa)	1
<u> </u>	>	≤	min	max	†
Tanaila atronorth		40	370	530	
Tensile strength	40	63	360	520]
	63	80	350	510]
-	80	100	350	510	4
	100	140	350 510 Values (%)		1
<u> </u>	Nominal thickness (mm)				EN 10025-1:200
-	>	≤ 140	min 24		4
Elongation		140		2.7	<u></u>
-	Nominal thic	kness (mm)	Val	ues (J)	_
Impact strength		` ′		min	4
 	>	140		/ -20°C	1
	Nominal thic			ues (%)	1
ŀ	>	≤	r	max	┪
Weldability		16		0,34	†
,	16	40		0,34	1
	40	63	(0,35]
	63	140	(0,38	_
Durability	Nominal thic	kness (mm)	Values (%)		
(Chemical	>	≤	min	max	1
composition)		140	AI : 0,02	C: 0,15 Ti: 0,05	7
				Mn: 1,50 Cr: 0,30	
				Si: 0,50 Mo: 0,10	
				P: 0,030 Ni: 0,30 S: 0,030 Cu: 0,55	
				Nb : 0,05 N : 0,015	
				V : 0,08	



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

1) Code of the product type: \$355M

According EN 10025-4

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

2) ArcelorMittal Belval and Differdange S.A Site of Differdange Rue Emile Mark L-4503 Differdange (G.D. of Luxembourg) sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 0769
Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl,
Holz und Steine performed the initial inspection of the manufacturing
plant and of factory production control and the continuous surveillance,
assessment, and evaluation of factory production control and issued
the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Christophe Houyoux

Quality Manager

Esse	Essential characteristic		Perfo	rmance	Harmonised technical specification
	1/	Н	EN ²	10034	opcomounon.
Tolerances on dimensions and shape					
	Nominal thic	kness (mm)	Value	s (MPa)	_
	>	≤	n	nin	1
		16	3	55	1
··· · · · · · · ·	16	40	3	45	1
Yield strength	40	63	3	35	1
ľ	63	80	3	25	1
	80	100	3	25	1
	100	140	3	20	
	Nominal thic	kness (mm)	Value	s (MPa)	
•	>	≤	min	max	1
Tanalla atuan uth		40	470	630	1
Tensile strength	40	63	450	610]
	63	80	440	600]
	80	100	440	600	4
	100 Nominal thic	140	430 Valu	590 es (%)	
	Nonmai unc		Values (%)		EN 10025-1:200
-	>	≤ 140	min 22		4
Elongation		140]
-	Nominal thic	kness (mm)	Valu	ues (J)	-
Impact strength					4
 	>	≤ 140		nin -20°C	1
	Nominal thic	•		es (%)	
ŀ	>	≤	m	nax	1
Weldability		16		,39	1
	16	40		,39	1
	40	63	0	,40]
	63	140	0	,45	_
urability Nominal thickness (mm) Values (%)		es (%)			
(Chemical	>	≤	min	max]
composition)		140	AI: 0,02	C: 0,16 Ti: 0,05 Mn: 1,60 Cr: 0,30 Si: 0,50 Mo: 0,10 P: 0,030 Ni: 0,50	
				S: 0,030 Cu: 0,55 Nb: 0,05 N: 0,015 V: 0,10	



No AMDI-4/04-CPR-13-1 Code of the product type: 1) 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

ArcelorMittal Belval and Differdange S.A Site of Differdange Rue Emile Mark L-4503 Differdange (G.D. of Luxembourg) sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 0769 Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl, Holz und Steine performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Christophe Houyoux

Quality Manager

Essential characteristic		Perfo	rmance	Harmonised technical specification	
	1/	Н	EN 1	10034	- Сросиновичен
Tolerances on					
dimensions and					
shape					
•					
	Nominal thic	kness (mm)	Value	s (MPa)	1
	>	≤	n	nin	1
		16	3	55	
v	16	40	3	45	
Yield strength	40	63	3	35	
ŀ	63	80		25	┪
ŀ	80	100		25	┪
-	100	125		20	₫
	Nominal thic	kness (mm)	Value	s (MPa)	-
-	>	≤ ()	min	max	-
	<u> </u>	40	470	630	_
Tensile strength	40	63	450	610	
-	63	80	440	600	┪
	80	100	440	600	_
	100	125	430	590	<u> </u>
	Nominal thickness (mm)		Valu	es (%)	EN 10025-1:200
ľ	>	≤	min		7
Florention		125	22		
Elongation -					-
-					-
luono et etuen uth	Nominal thic	kness (mm)	Valu	es (J)	1
Impact strength	>	≤	n	nin	
		125	27 /	-50°C	
	Nominal thic	kness (mm)	Valu	es (%)]
	>	≤		nax	
Weldability		16	0	,39	
	16	40	0,	,39	
	40	63	0	,40	
	63	125	0,45		_
Durability	Nominal thic	kness (mm)	Values (%)		
(Chemical composition)	>	≤	min	max	
		125	AI: 0,02	C: 0,16 Ti: 0,05	7
				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	
		I	I	V: 0,10	1



No AMDI-4/05-CPR-14-1 Code of the product type: 1) 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

ArcelorMittal Belval and Differdange S.A Site of Differdange Rue Emile Mark L-4503 Differdange (G.D. of Luxembourg) sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 0769 Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl, Holz und Steine performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Christophe Houyoux

Quality Manager

Esse	ential characterist	ic		ormance	Harmonised technical specification
-	1/	Н	EN	10034	-
Tolerances on dimensions and shape					
	Nominal thic	kness (mm)	Value	es (MPa)	
	>	≤		min	
		16	4	420	7
Violal otnomenth	16	40	4	400	1
Yield strength	40	63	,	390	
ļ	63	80		380]
Ţ	80	100		370]
Ī	100	140	;	365]
	Nominal thic	kness (mm)	Value	es (MPa)	1
<u> </u>	>	≤	min	max	1
[40	520	680	1
Tensile strength	40	63	500	660	
	63	80	480	640]
	80	100	470	630	_
	100	140	460 Val	620	-
<u> </u>	Nominai tnic	kness (mm)	Values (%)		EN 10025-1:200
-	> ≤		min 19		4
Elongation		140		19	-
Impact strength	Nominal thic	kness (mm)	Valu	ues (J)	
impact strongth	>	≤ 140		min 7-20°C	4
	Nominal thic	kness (mm)		ues (%)	1
}	>	≤		max	1
Weldability	<u> </u>	16		0,43	1
,	16	40),45	1
	40	63	(),46]
	63	140	(),47]
Durability	Nominal thic	kness (mm)	Values (%)		
(Chemical	>	≤	min	max]
composition)		140	AI: 0,02	C: 0,18 Ti: 0,05	
				Mn: 1,70 Cr: 0,30	
				Si: 0,50 Mo: 0,20	
				P: 0,035 Ni: 0,80 S: 0,030 Cu: 0,55	
				Nb : 0,05 N : 0,025	
				V : 0,12	



No AMDI-4/07-CPR-13-1 Code of the product type: 1) S460M According EN 10025-4

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

ArcelorMittal Belval and Differdange S.A Site of Differdange Rue Emile Mark L-4503 Differdange (G.D. of Luxembourg) sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 0769 Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl, Holz und Steine performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Christophe Houyoux

Quality Manager

Esse	Essential characteristic		Perfor	rmance	Harmonised technical specification
	1/	Н	EN 1	10034	- spoomodion
Tolerances on dimensions and shape					
	Nominal thic	kness (mm)	Values	s (MPa)	_
-	>	≤	n	nin	1
Ī		16	4	60	1
	16	40	4	40	1
Yield strength	40	63	4	30	1
ľ	63	80	4	10	1
Ī	80	100	4	00	1
	100	140	3	85	1
	Nominal thic	kness (mm)	Value	s (MPa)	
ľ	>	≤	min	max	1
Tanaila atrangth		40	540	720]
Tensile strength	40	63	530	710]
	63	80	510	690	_
-	80 100	100 140	500 490	680 660	-{
	Nominal thic			es (%)	EN 10025-1:200
-	>	≤	min		LIV 10025-1.200
Elongation		140	17		1
Impost strongth	Nominal thic	kness (mm)	Valu	es (J)	1
Impact strength	>	≤		nin]
	Nominal thic	140		-20°C es (%)	1
-		≤ (IIIII)			4
Weldability	>	16		nax ,45	+
Weldability	16	40		,46	1
	40	63		,47	1
	63	140	0.	,48]
Durability	Nominal thic	kness (mm)	Values (%)		
(Chemical	>	≤	min	max]
composition)		140	AI: 0,02	C: 0,18 Ti: 0,05 Mn: 1,70 Cr: 0,30 Si: 0,60 Mo: 0,20 P: 0,035 Ni: 0,80 S: 0,030 Cu: 0,55	
				Nb : 0,05 N : 0,025 V : 0,12	



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

1) Code of the product type: **\$460ML**According EN 10025-4

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

2) ArcelorMittal Belval and Differdange S.A Site of Differdange Rue Emile Mark L-4503 Differdange (G.D. of Luxembourg) sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 0769
Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl,
Holz und Steine performed the initial inspection of the manufacturing
plant and of factory production control and the continuous surveillance,
assessment, and evaluation of factory production control and issued
the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Christophe Houyoux

Quality Manager

Esse	Essential characteristic		Perfor	rmance	Harmonised technical specification
	1/	Н	EN 1	10034	- opcomounom
Tolerances on dimensions and shape					
	Nominal thic	kness (mm)	Values	s (MPa)	_
-	>	≤	m	nin	1
Ī		16	4	60	1
	16	40	4	40	1
Yield strength	40	63	4	30	1
Ī	63	80	4	10	1
Ī	80	100	4	00	1
	100	125	3	85	
	Nominal thic	kness (mm)	Values	s (MPa)	
ľ	>	≤	min	max	1
Tanaila atranath		40	540	720	
Tensile strength	40	63	530	710]
	63	80	510	690	
-	80 100	100 125	500 490	680 660	4
	Nominal thickness (mm)		Values (%)		FN 40005 4:200
-	>	. ✓	min		EN 10025-1:200
Elongation -		125	17		1
g					<u>-</u>
	Nominal thic	kness (mm)	Valu	es (J)	
Impact strength	>	≤		nin	1
	No maior al della	125		-50°C	-
	Nominal thic			es (%)	4
Woldebility	>	≤ 16		1ax 145	4
Weldability	16	40		,46 ,46	-
•	40	63		47	1
•	63	125		48]
Durability	Nominal thic	kness (mm)	Values (%)		
(Chemical	>	≤	min	max	1
composition)		125	AI: 0,02	C: 0,18 Ti: 0,05 Mn: 1,70 Cr: 0,30 Si: 0,60 Mo: 0,20 P: 0,030 Ni: 0,80 S: 0,025 Cu: 0,55	
				Nb : 0,05 N : 0,025 V : 0,12	



No AMDI-4/13-CPR-20-1 Code of the product type: 1) S500M According EN 10025-4

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

ArcelorMittal Belval and Differdange S.A Site of Differdange Rue Emile Mark L-4503 Differdange (G.D. of Luxembourg) sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 0769 Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl, Holz und Steine performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Christophe Houyoux

Quality Manager

Esse	Essential characteristic		Perfo	rmance	Harmonised technical specification
	1/	Н	EN ²	10034	- specimeation
Tolerances on dimensions and shape					
	Nominal thic	kness (mm)	Value	s (MPa)	_
-	>	≤	n	nin	1
Ī		16	5	00	1
	16	40	4	80	1
Yield strength	40	63	4	60	1
Ī	63	80	4	50	1
Ī	80	100	4	50	1
	100	140	4	50	
	Nominal thic	kness (mm)	Value	s (MPa)	
ľ	>	≤	min	max	1
Tanaila atrangth		40	580	760	
Tensile strength	40	63	580	760]
	63	80	580	760	
-	80 100	100 140	560 560	750 750	-
	Nominal thic			es (%)	EN 10025-1:200
-	>	≤	min		LIN 10025-1.200
Elongation -		140	15		
-					
less and a transmith	Nominal thic	kness (mm)	Valu	es (J)	-
Impact strength	>	≤		nin]
	Nominal thic	140		-20°C es (%)	1
-		≤ (IIIII)		nax	4
Weldability	>	16		,47	-
Weldability	16	40		,47	1
ľ	40	63		,47	1
	63	140	0	,48	
Durability	Nominal thic	kness (mm)	ess (mm) Values (%)		
(Chemical	>	≤	min	max]
composition)		140	AI: 0,02	C: 0,16 Ti: 0,05 Mn: 1,70 Cr: 0,30 Si: 0,60 Mo: 0,20 P: 0,035 Ni: 0,80 S: 0,030 Cu: 0,55	
				Nb: 0,05 N: 0,025 V: 0,12	



No AMDI-4/14-CPR-20-1 Code of the product type: 1) S500ML According EN 10025-4

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

ArcelorMittal Belval and Differdange S.A Site of Differdange Rue Emile Mark L-4503 Differdange (G.D. of Luxembourg) sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 0769 Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl, Holz und Steine performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Christophe Houyoux

Quality Manager

Essential characteristic		Perfo	ormance	Harmonised technical specification	
	1/	Н	EN	10034	
Ī					
Tolerances on					
dimensions and					
shape					
	Nominal thic	kness (mm)	Value	es (MPa)	-
ļ	>	≤		min	1
		16		500	
v	16	40		480	
Yield strength	40	63		460	7
	63	80		450	7
ŀ	80	100		450	1
	100	125		450	1
	Nominal thic	kness (mm)	Value	es (MPa)	1
}	>	<u>≤</u>	min	max	1
		40	580	760	7
Tensile strength	40	63	580	760	1
	63	80	580	760	7
	80	100	560	750	1
	100	125	560	750	1
	Nominal thickness (mm)		Valu	ues (%)	EN 10025-1:200
ľ	>	≤	min		7
Elongation		125	15		
-					
					}
lm n a at at na n at h	Nominal thic	kness (mm)	Val	ues (J)	
Impact strength	>	≤		min	
		125	27	/ -50°C	
	Nominal thic	kness (mm)	Valu	ues (%)	
	>	≤		max]
Weldability		16	-i	0,47	_
<u> </u>	16	40		0,47	_
	40	63		0,47	4
	63	125	0,48		4
Durability			ues (%)		
(Chemical composition)	>	≤	min	max	1
		125	AI: 0,02	C: 0,16 Ti: 0,05	
				Mn: 1,70 Cr: 0,30	
		I	1	Si: 0,60 Mo: 0,20	
				P: 0,030 Ni: 0,80	
				P: 0,030 Ni: 0,80 S: 0,025 Cu: 0,55 Nb: 0,05 N: 0,025	



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

1) Code of the product type: HISTAR 355

According ETA-10/0156

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

ArcelorMittal Belval and Differdange S.A
 Site of Differdange
 Rue Emile Mark
 L-4503 Differdange (G.D. of Luxembourg)
 sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 0769
Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl,
Holz und Steine performed the initial inspection of the manufacturing
plant and of factory production control and the continuous surveillance,
assessment, and evaluation of factory production control and issued
the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Christophe Houyoux

Quality Manager

Essential characteristic				formance	Harmonised technical specification
Tolerances on dimensions and shape	1/	Н	EI	N 10034	
	Nominal thic	kness (mm)	Valu	ues (MPa)	_
Yield strength	>	≤ 140		min 355	
rielu strength					
	Nominal thic	kness (mm)	Valu	ues (MPa)	
	>	<u>≤</u>	min	max]
Tensile strength		140	470	630	
	Nominal thickness (mm) Values (%)		alues (%)	EN 10025-1:200	
Elongation	>	≤ 140		min 22	
	Nominal thic	kness (mm)	Va	alues (J)	
Impact strength	>	≤		min	
	Nominal this	140		0 / -20°C	1
	Nominal thic	kness (mm) ≤	Va	max	4
Weldability	>	140		0,39	<u> </u>
Durability	Nominal thic	kness (mm)	Va	alues (%)	1
(Chemical composition)	>	≤ 140	min AI: 0,02	max C: 0,12 Ti: 0,05 Mn: 1,60 Cr: 0,30 Si: 0,50 Mo: 0,20 P: 0,035 Ni: 0,30	
				S: 0,030 Cu: 0,55 Nb: 0,05 N: 0,015 V: 0,10	



No AMDI-4/10-CPR-13-1 Code of the product type: 1) HISTAR 355L According ETA-10/0156

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

ArcelorMittal Belval and Differdange S.A Site of Differdange Rue Emile Mark L-4503 Differdange (G.D. of Luxembourg) sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 0769 Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl, Holz und Steine performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Christophe Houyoux

Quality Manager

Essential characteristic		Per	formance	Harmonised technical specification	
Tolerances on dimensions and shape	1/	Н	Ef	N 10034	
	Nominal thic	kness (mm)	Valu	ues (MPa)	
Yield strength	>	≤ 125		min 355	
_					
	Nominal thic	kness (mm)	Valu	ues (MPa)	-
	>	≤	min	max	1
Tensile strength		125	470	630	4
· •					1
]					1
	Nominal thickness (mm)		Values (%)		EN 10025-1:200
Elongation	>	≤ 125	min 22		
-					
Impact strength	Nominal thic	kness (mm)	Va	alues (J)	
impuot strongtii	>	≤ 125	27	min 7 / -50°C	4
	Nominal thic			lues (%)	1
-	>			max	1
Weldability		125		0,39	1
-					1
Durability	Nominal thic	kness (mm)	n) Values (%)		1
(Chemical	>	≤	min	max]
composition)		125	AI: 0,02	C: 0,12 Ti: 0,05	
				Mn: 1,60	
				P: 0,030 Ni: 0,30	
				S: 0,025 Cu: 0,55	
				Nb : 0,05 N : 0,015 V : 0,10	1



No AMDI-4/11-CPR-13-1 Code of the product type: 1) HISTAR 460 According ETA-10/0156

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

ArcelorMittal Belval and Differdange S.A Site of Differdange Rue Emile Mark L-4503 Differdange (G.D. of Luxembourg) sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 0769 Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl, Holz und Steine performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Christophe Houyoux

Quality Manager

Essential characteristic		Per	formance	Harmonised technical specification	
	1/	H	E	N 10034	
Tolerances on dimensions and shape					
	Nominal thic	ckness (mm)	Val	ues (MPa)	-
	>	≤		min	1
		100		460	4
Yield strength	100	140		450	_
	Nominal thic	ckness (mm)	Val	ues (MPa)	
	>	≤ 4.40	min	max 720	4
Tensile strength		140	540	120	-
	Nominal thic	ckness (mm)	Va	alues (%)	_
}	>	≤ ()	min		EN 10025-1:200
Elongation	•	140		17	
	Nominal thic	ckness (mm)	Va	alues (J)	
Impact strength	>			min	-
	-	140	40	0 / -20°C	1
	Nominal thic	ckness (mm)	Va	alues (%)	
	>	≤		max]
Weldability	63	63 140		0,41 0,43	1
					1
Durability		ckness (mm)		alues (%)	1
(Chemical composition)	>	≤ 140	Min AI: 0,02	max C: 0,12 Ti: 0,05 Mn: 1,70 Cr: 0,30 Si: 0,60 Mo: 0,20 P: 0,035 Ni: 0,70	
				S: 0,030 Cu: 0,55 Nb: 0,05 N: 0,025 V: 0,12	



No AMDI-4/12-CPR-13-1

1) Code of the product type: HISTAR 460L

According ETA-10/0156

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

ArcelorMittal Belval and Differdange S.A
 Site of Differdange
 Rue Emile Mark
 L-4503 Differdange (G.D. of Luxembourg)
 sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 0769
Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl,
Holz und Steine performed the initial inspection of the manufacturing
plant and of factory production control and the continuous surveillance,
assessment, and evaluation of factory production control and issued
the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Christophe Houyoux

Quality Manager

Essential characteristic		Performance		Harmonised technical specification	
	1/	H	El	N 10034	
Tolerances on dimensions and shape					
	Nominal thic	ckness (mm)	Valu	ues (MPa)	-
	>	≤		min	<u> </u>
<u>_</u>		100		460	
Yield strength	100	125		450	_
					-
	Nominal thic	kness (mm)	Valu	ues (MPa)	_
Ţ	>	≤	min	max	1
Tensile strength		125	540	720	<u> </u>
-					-
	Nominal thic	ckness (mm)	ess (mm) Values (%)		EN 10025-1:200
	>	≤	min]
Elongation -		125		17	
Impact strength -	Nominal thic	ckness (mm)	Va	alues (J)	
impact strength	>	≤ 125	27	min 7 / -50°C	-
	Nominal thic	ckness (mm)		alues (%)	1
> ≤		max		1	
Weldability	63	63 125		0,41 0,43	_
}		1	+		-
Durability	Nominal thic	thickness (mm) Values (%)		alues (%)	1
(Chemical	>	≤	min	max]
composition)		125	AI: 0,02	C: 0,12 Ti: 0,05	
				Mn : 1,70	
				P: 0,030 Ni: 0,70	
				S: 0,025 Cu: 0,55	
				Nb : 0,05 N : 0,025 V : 0,12	



No AMDI-5/01-CPR-13-1 Code of the product type: 1) 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

ArcelorMittal Belval and Differdange S.A Site of Differdange Rue Emile Mark L-4503 Differdange (G.D. of Luxembourg) sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 0769 Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl, Holz und Steine performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Christophe Houyoux

Quality Manager

Esse	ential characterist	tic	Per	formance	Harmonised technical specification
	1/	′ H	El	N 10034	
					_
Tolerances on					_
dimensions and			+		4
shape					
	Nominal thic	ckness (mm)	Valu	ues (MPa)	-
t	>	≤		min	
		16		355	
Yield strength	16	40		345	
-	40	63		335	4
-					1
	Nominal this	ckness (mm)	Valu	ues (MPa)	1
-		<u>≤</u>	min	max	
 	> =3	40	470	630	=
Tensile strength	40	63	470	630	=
-	40	03	470	030	_
	Nominal thickness (mm)		Va	alues (%)	
-		<u>≤</u>	min		EN 10025-1:200
	> =3	40		22	
Elongation -	40	63	21		
-					┪
	Nominal thic	ckness (mm)	Va	alues (J)	1
Impact strength	>	≤		min	
		63	2	27 / 0°C	4
	Nominal thic	ckness (mm)	Va	ilues (%)	
	>	≤	max		_
Weldability		16		0,52	4
	16	63		0,52	
Durability	Nominal thic	ckness (mm)	Va	ılues (%)	1
(Chemical	>	<u>≤</u>	min	max	-
composition)		63	Mn : 0,50	C: 0,16	1
,/			Cu: 0,25	Si: 0,50	
			Cr : 0,40	P: 0,040	
				S: 0,040	
				N: 0,012	
				Mn : 1,50	
		I	1	Cu : 0,55	



No AMDI-5/02-CPR-13-1 Code of the product type: 1) 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

ArcelorMittal Belval and Differdange S.A Site of Differdange Rue Emile Mark L-4503 Differdange (G.D. of Luxembourg) sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 0769 Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl, Holz und Steine performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Christophe Houyoux

Quality Manager

Esse	Essential characteristic			rformance	Harmonised technical specification
	1/	Н	Е	N 10034	•
Tolerances on					
dimensions and					
shape					
	Nominal thic	kness (mm)	Va	lues (MPa)	
<u> </u>	>	≤		min	
		16		355	
Violal atropath	16	40		345	
Yield strength	40	63		335	
	Nominal thic	knoss (mm)	Va	lues (MPa)	\exists
ļ.		Kiless (IIIII) ≤	min	max	\dashv
 	> =3	40	470	630	
Tensile strength	40	63	470	630	_
-					
	Nominal thio	knoss (mm)	Values (%)		\exists
	Nominal thickness (mm)				EN 10025-1:200
	>	≤	min		
Elongation	=3	40	22		
	40	63		21	
-	Nominal thic	kness (mm)	v	/alues (J)	\exists
Impact strength					
-	>	≤ 63	2	min 27 / -20°C	
	Nominal thic	•		alues (%)	
-	>	≤		max	
Weldability		16	+	0,52	
vveidability	16	63		0,52	
					_
Durability	Nominal thic	kness (mm)	Values (%)		
(Chemical	>	≤	min	max	
composition)		63	Mn : 0,50	C: 0,16	0
			Cu: 0,25	Si: 0,50	
			Cr : 0,40	P: 0,035	
				S: 0,035	
				Mn : 1,50	
				Cu : 0,55	
				Cr : 0,80	1



No AMDI-5/03-CPR-13-1 Code of the product type: 1) 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

ArcelorMittal Belval and Differdange S.A Site of Differdange Rue Emile Mark L-4503 Differdange (G.D. of Luxembourg) sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 0769 Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl, Holz und Steine performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Christophe Houyoux

Quality Manager

Essential characteristic		Pe	rformance	Harmonised technical specification	
	1/	Н	E	N 10034	
Tolerances on					
dimensions and					
shape					
	Nominal thic	kness (mm)	Val	lues (MPa)	
	>	≤		min	
L		16		355	
Yield strength	16	40		345	
-	40	63		335	_
ļ					
	Naminal thia	knoss (mm)	Vo	luos (MDs)	
	Nominal thic		min	lues (MPa)	_
	> =3	≤ 40	470	630	_
Tensile strength	40	63	470	630	
<u> </u>	40	03	470	030	\dashv
	Nominal thickness (mm)		V	alues (%)	
					EN 10025-1:200
	> =3	≤ 40	min 22		_
Elongation	40	63	21		
ļ					
	Nominal thic	kness (mm)	V	/alues (J)	=
Impact strength			<u> </u>		
·	>	≤ 63	4	min -0 / -20°C	\dashv
	Nominal thic			alues (%)	
ŀ	>	≤		max	\dashv
Weldability		16		0,52	
	16	63		0,52	
-					
Durability	Nominal thickness (mm) Values (%)		alues (%)		
(Chemical	>	≤	min	max	
composition)		63	Mn : 0,50	C: 0,16	0
			Cu: 0,25	Si: 0,50	
			Cr : 0,40	P: 0,035	
				S: 0,035	
				Mn : 1,50	
				Cu : 0,55	



No AMDI-5/06-CPR-20-1

1) Code of the product type: \$460J0W

According EN 10025-5

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

2) ArcelorMittal Belval and Differdange S.A
Site of Differdange
Rue Emile Mark
L-4503 Differdange (G.D. of Luxembourg)
sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 0769
Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl,
Holz und Steine performed the initial inspection of the manufacturing
plant and of factory production control and the continuous surveillance,
assessment, and evaluation of factory production control and issued
the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Christophe Houyoux

Quality Manager

ntial characterist	iic	Perf	ormance	Harmonised technical specification
1/	′ H	EN	N 10034	
				4
				4
Nominal thic	ckness (mm)	Valu	ies (MPa)	
>	≤		min	4
	+			4
	+			_
40	63		430	4
				1
				1
Nominal thic				_
>	-			4
				4
40	63	530	/10	
				-
				1
Nominal thickness (mm)		Val	lues (%)	EN 10025-1:200
>	≤	min		
				4
40	63		16	1
				1
Nominal thic	ckness (mm)	Va	lues (J)	
>	≤		min	
				4
Nominal thic	ckness (mm)	Val	lues (%)	
>	≤		max	
				4
16	63		0,52	\dashv
				1
Nominal thic	ckness (mm)	Val	lues (%)	
>	≤	min	max	
	63	Cr: 0,40	C: 0,20 Cr: 0,80	
		Cu : 0,25	Si : 0,65	
		Ī	P: 0,040	I
			S: 0,040	
	Nominal thick Nominal thic	16	Nominal thickness (mm)	Nominal thickness (mm)



No AMDI-5/07-CPR-20-1 Code of the product type: 1) S460J2W According EN 10025-5

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

ArcelorMittal Belval and Differdange S.A Site of Differdange Rue Emile Mark L-4503 Differdange (G.D. of Luxembourg) sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 0769 Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl, Holz und Steine performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Christophe Houyoux

Quality Manager

Esse	Essential characteristic		Peri	formance	Harmonised technical specification
	1/	H	E1	N 10034	
Tolerances on					4
dimensions and					4
shape					
	Nominal thic	ckness (mm)	Valu	ues (MPa)	-
}	>	<u>≤</u>		min	\dashv
ļ ļ		16		460	7
Viold of non-orth	16	40		440	7
Yield strength	40	63		430	
-					1
-	Naminal thi	oku ooo (mm)	Val	une (MDs)	‡
-		ckness (mm)		ues (MPa)	4
	> =3	≤ 40	min 530	710	_
Tensile strength	=3 40	63	530	710	4
	40	00	000	710	1
-					Ⅎ
	Nominal thickness (mm)		Va	lues (%)	EN 10025-1:200
[>	≤	min		
Elongation	=3 40	40 63		17 16	_
-	40	03		10	‡
-	Nominal thic	ckness (mm)	Va	alue (I)	-
Impact strength			Values (J)		4
-	>	≤ 63	min 27 / -20°C		+
	Nominal thic	ckness (mm)	Va	lues (%)	1
<u> </u>	>	≤		max	
Weldability		16		0,52	
-	16	63		0,52	-
					1
Durability	Nominal thic	ckness (mm)	Va	lues (%)	
(Chemical	>	≤	min	max	4
composition)		63	Cr: 0,40	C: 0,20 Cr: 0,80	
			Cu: 0,25	Si: 0,65	
				P: 0,035	
				S: 0,035 N: 0,025	
				Mn : 1,40	
		1		Cu : 0,55	1



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

1) Code of the product type: \$460K2W

According EN 10025-5

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

2) ArcelorMittal Belval and Differdange S.A
Site of Differdange
Rue Emile Mark
L-4503 Differdange (G.D. of Luxembourg)
sections.arcelormittal.com

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

System 2+

Notified factory production control certification body No. 0769
Karlsruher Institut für Technologie (KIT) - Versuchsanstalt für Stahl,
Holz und Steine performed the initial inspection of the manufacturing
plant and of factory production control and the continuous surveillance,
assessment, and evaluation of factory production control and issued
the certificate of conformity of the factory production control.

The performance of the product identified in point 1 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 2. Signed for and on behalf of the manufacturer by:

Christophe Houyoux

Quality Manager

Esse	ential characteris	tic	Perf	ormance	Harmonised technical specification
	17	/ H	EN	l 10034	
					_
Tolerances on					4
dimensions and					4
shape					
	Nominal thi	ckness (mm)	Valu	es (MPa)	
	>	≤		min	
		16		460	
Yield strength	16	40		440	4
-	40	63		430	4
ļ					1
					1
Ļ	Nominal thi	ckness (mm)		es (MPa)	_
	>	≤	min	max	4
Tensile strength	=3	40	530	710	
- cinemo emonigani	40	63	530	710	_
+					┨
	Nominal thi	ckness (mm)	Val	ues (%)	EN 10025-1:200
	>	≤	min		
Elongation	=3	40		17	
	40	63		16	1
					-
Impact strength	Nominal thi	ckness (mm)	Va	lues (J)	
- Impaot ou ongui	>	≤ 62		min / 20°C	4
	N	63		/-20°C	
	Nominal thi	ckness (mm)		ues (%)	
M. 1 1-1-196	>	≤		max	4
Weldability	10	16		0,52	4
t	16	63		0,52	<u> </u>
Durability	Nominal thic	ckness (mm)	Val	ues (%)	+
(Chemical		<u>≤</u>	min	_	4
composition)	>	63	Cr: 0,40	C: 0,20 Cr: 0,80	+
			Cu : 0,25	Si: 0,65	
			Ou . 0,20	P: 0,035	
				S: 0,035	
l				N : 0,025	
				Mn : 1,40	
				Cu: 0,55	Ī