



ArcelorMittal Bremen GmbH
Postfach 210220
28222 BREMEN
Carl-Benz-Strasse 30
28237 BREMEN
Telefon 0421/6480
Telefax 0421/6482251

A02 CERTIFICATE
A03 Page: 01 / 04
20220039030-00

Inspection certificate 3.1 EN 10204

A05 ORIGINATOR OF THE DOCUMENT
ArcelorMittal Bremen GmbH
Carl-Benz-Straße 30, 28237 Bremen
zeugnisse.bremen@arcelormittal.com
Telefon 0421/6482813

A09 DISPATCH NOTE
DATE 0000215476
30.05.2022

A08.1 MANUFACTURER'S ORDER NR 2214265
DATE 01.02.2022
AGENCY'S ORDER NR. GH22ALL001005

A07 CUSTOMER'S ORDER NUMBER
41426

A06.1 CUSTOMER
Oy AluSteel Ab

Telakkatie 4
23500 Uusikaupunki
Finland

A06.2 CONSIGNEE
Oy AluSteel Ab

Hepokarintie 9
23500 UUSIKAUPUNKI
Finland

PRODUCT: hot rolled unpickled sheet

QUALITY: Armstrong® Ultra 650MC
S650MC

STANDARD: AM FCE
EN 10149-2 (00-09-2013)

TERMS OF DELIVERY: EN 10051 (2010)

JITZ 1.79

ArcelorMittal Bremen GmbH, Postfach 210220, 28222 BREMEN

Oy AluSteel Ab

Telakkatie 4

23500 Uusikaupunki

Finland



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Telakkatie 4
23500 Uusikaupunki
Finnland
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Oy AluSteel Ab
Hepokarintie 9
23500 UUSIKAUPUNKI
Finnland

PRODUCT: hot rolled unpickled sheet QUALITY: **Amstrong® Ultra 650MC** STANDARD: **AM FCE**
 TERMS OF DELIVERY: **EN 10051 (2010)** S650MC EN 10149-2 (00-09-2013)

JITZ 1.79

A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm	B11 LENGTH mm
5	8.00	1500.00	3000.00

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B08 AMOUNT	B07.2 HEAT	CHEMICAL ANALYSIS																	
						C71	C73	C72	C74	C75	C81	C77	C76	C83	C84	C78	C82	C79	C80	C85	As	Sn	
						C %	Si %	Mn %	P %	S %	Cu %	Al %	N %	B %	V %	Ti %	Nb %	Cr %	Ni %	Mo %	As %	Sn %	
5	611546 4953188	00100	2215	8	047178	.0601	.0224	1.797	.0077	.0007	.0207	.0386	.0051	.0001	.0030	.1382	.0711	.0384	.0408	.0091	.0019	.0025	
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	611546 4953189	00200	2215	8	047178	.0601	.0224	1.797	.0077	.0007	.0207	.0386	.0051	.0001	.0030	.1382	.0711	.0384	.0408	.0091	.0019	.0025	
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	611546 4953190	00300	2215	8	047178	.0601	.0224	1.797	.0077	.0007	.0207	.0386	.0051	.0001	.0030	.1382	.0711	.0384	.0408	.0091	.0019	.0025	
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	611546 4953191	00400	2210	8	047178	.0601	.0224	1.797	.0077	.0007	.0207	.0386	.0051	.0001	.0030	.1382	.0711	.0384	.0408	.0091	.0019	.0025	
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	611546 4953192	00500	2215	8	047178	.0601	.0224	1.797	.0077	.0007	.0207	.0386	.0051	.0001	.0030	.1382	.0711	.0384	.0408	.0091	.0019	.0025	
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	611546 4953193	00600	2215	8	047178	.0601	.0224	1.797	.0077	.0007	.0207	.0386	.0051	.0001	.0030	.1382	.0711	.0384	.0408	.0091	.0019	.0025	
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	611546 4953194	00700	2215	8	047178	.0601	.0224	1.797	.0077	.0007	.0207	.0386	.0051	.0001	.0030	.1382	.0711	.0384	.0408	.0091	.0019	.0025	
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	611546 4953195	00800	2215	8	047178	.0601	.0224	1.797	.0077	.0007	.0207	.0386	.0051	.0001	.0030	.1382	.0711	.0384	.0408	.0091	.0019	.0025	
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	611546 4953196	00900	2215	8	047178	.0601	.0224	1.797	.0077	.0007	.0207	.0386	.0051	.0001	.0030	.1382	.0711	.0384	.0408	.0091	.0019	.0025	
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	611546 4953197	01000	2220	8	047178	.0601	.0224	1.797	.0077	.0007	.0207	.0386	.0051	.0001	.0030	.1382	.0711	.0384	.0408	.0091	.0019	.0025	
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	611546 4953198	01100	2215	8	047178	.0601	.0224	1.797	.0077	.0007	.0207	.0386	.0051	.0001	.0030	.1382	.0711	.0384	.0408	.0091	.0019	.0025	
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	611546 4953199	01200	835	3	047178	.0601	.0224	1.797	.0077	.0007	.0207	.0386	.0051	.0001	.0030	.1382	.0711	.0384	.0408	.0091	.0019	.0025	
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
12			25200																				

C02 test direction relating to rolling direction (0°= L; 90°= T)	C04 specimen condition V:aged F:fresh N:normalised	C50 bend test 1:good	C43 result in J related to specimensize (C44)
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 Telakkatie 4
 23500 Uusikaupunki
 Finland

A06.2 CONSIGNEE
Oy AluSteel Ab
 Hepokarintie 9
 23500 UUSIKAUPUNKI
 Finland

PRODUCT: hot rolled unpickled sheet QUALITY: **Amstrong® Ultra 650MC** STANDARD: **AM FCE**
 TERMS OF DELIVERY: **EN 10051 (2010)** **S650MC** **EN 10149-2 (00-09-2013)**

JITZ 1.79

A08.2 ITEM	B09 THICKNESS mm	B10 WIDTH mm	B11 LENGTH mm
5	8.00	1500.00	3000.00

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B08 AMOUNT	B07.2 HEAT	CHEMICAL ANALYSIS																	
						C71	C73	C72	C74	C75	C81	C77	C76	C83	C84	C78	C82	C79	C80	C85	As	Sn	
						C	Si	Mn	P	S	Cu	Al	N	B	V	Ti	Nb	Cr	Ni	Mo	%	%	
TOTAL	12		25200																				

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B08 AMOUNT	B07.2 HEAT	TENSILE TEST						BENDTEST	SHOCK TEST						
						C02	C04	C03	C11	C12	C13	C50	C44	C02	C03	C42	C42	C42	C43
						PR °	MAZ	Temp °C	yield p. strength Re MPa	Rm MPa	A70mm %	Fa	S0 cm²	PR °	Temp °C	KV2VP_1 J	KV2VP_2 J	KV2VP_3 J	KV2VP_m J
5	611546 4953188	00100	2215	8	047178 047178	0	F	20	767	826	17	1	.8	0	-20	80	107	92	93
						90	F	20	819	851	15								
5	611546 4953189	00200	2215	8	047178 047178	0	F	20	767	826	17	1	.8	0	-20	80	107	92	93
						90	F	20	819	851	15								
5	611546 4953190	00300	2215	8	047178 047178	0	F	20	767	826	17	1	.8	0	-20	80	107	92	93
						90	F	20	819	851	15								
5	611546 4953191	00400	2210	8	047178 047178	0	F	20	767	826	17	1	.8	0	-20	80	107	92	93
						90	F	20	819	851	15								
5	611546 4953192	00500	2215	8	047178 047178	0	F	20	767	826	17	1	.8	0	-20	80	107	92	93
						90	F	20	819	851	15								
5	611546 4953193	00600	2215	8	047178 047178	0	F	20	767	826	17	1	.8	0	-20	80	107	92	93
						90	F	20	819	851	15								
5	611546 4953194	00700	2215	8	047178 047178	0	F	20	767	826	17	1	.8	0	-20	80	107	92	93
						90	F	20	819	851	15								
5	611546 4953195	00800	2215	8	047178 047178	0	F	20	767	826	17	1	.8	0	-20	80	107	92	93
						90	F	20	819	851	15								
5	611546 4953196	00900	2215	8	047178 047178	0	F	20	767	826	17	1	.8	0	-20	80	107	92	93
						90	F	20	819	851	15								

C02 test direction relating to rolling direction (0°= L; 90°= T)	C04 specimen condition V:aged F:fresh N:normalised	C50 bend test 1:good	C43 result in J related to specimensize (C44)
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A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B08 AMOUNT	B07.2 HEAT	TENSILE TEST						BENDTEST	SHOCK TEST						
						C02	C04	C03	C11	C12	C13	C50	C44	C02	C03	C42	C42	C42	C43
						PR °	MAZ	Temp °C	yield Re MPa	p. strength Rm MPa	A70mm %	Fa	S0 cm ²	PR °	Temp °C	KV2VP_1 J	KV2VP_2 J	KV2VP_3 J	KV2VP_m J
5	611546	01000	2220	8	047178	0	F	20	767	826	17	1	.8	0	-20	80	107	92	93
	4953197				047178	90	F	20	819	851	15								
	611546	01100	2215	8	047178	0	F	20	767	826	17	1	.8	0	-20	80	107	92	93
	4953198				047178	90	F	20	819	851	15								
	611546	01200	835	3	047178	0	F	20	767	826	17	1	.8	0	-20	80	107	92	93
	4953199				047178	90	F	20	819	851	15								
		12																	
TOTAL		12																	

We certify hereby that the delivery complies with the above mentioned specification.

BREMEN 30.05.2022



QUALITY DEPARTMENT
 SITE EXPERT FOR INSPECTION

Witt

C02 test direction relating to rolling direction (0°= L; 90°= T)	C04 specimen condition V:aged F:fresh N:normalised	C50 bend test 1:good	C43 result in J related to specimensize (C44)
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