



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  
20220045677-00

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  
0000224392  
22.06.2022

A08.1 MANUFACTURER'S ORDER NR  
DATE  
AGENCY'S ORDER NR.  
2217161  
08.03.2022  
GH22ALL005011

A07 CUSTOMER'S ORDER NUMBER  
42005/42005/11

A10 PART NUMBER  
2388160

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

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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: **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
11	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 %	
11	679575	01100	2220	8	047591	.0646	.0191	1.855	.0135	.0016	.0240	.0470	.0052	.0001	.0024	.1440	.0736	.0353	.0361	.0063	.0020	.0021	
						4960513	047591	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	679576	00100	2210	8	047590	.0597	.0232	1.838	.0079	.0025	.0306	.0452	.0059	.0001	.0024	.1372	.0717	.0368	.0373	.0074	.0019	.0021	
						4960522	047590	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	679576	00200	2220	8	047590	.0597	.0232	1.838	.0079	.0025	.0306	.0452	.0059	.0001	.0024	.1372	.0717	.0368	.0373	.0074	.0019	.0021	
						4960523	047590	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	679576	00300	2215	8	047590	.0597	.0232	1.838	.0079	.0025	.0306	.0452	.0059	.0001	.0024	.1372	.0717	.0368	.0373	.0074	.0019	.0021	
						4960524	047590	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	679576	00500	2210	8	047590	.0597	.0232	1.838	.0079	.0025	.0306	.0452	.0059	.0001	.0024	.1372	.0717	.0368	.0373	.0074	.0019	.0021	
						4960526	047590	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	679576	00600	2210	8	047590	.0597	.0232	1.838	.0079	.0025	.0306	.0452	.0059	.0001	.0024	.1372	.0717	.0368	.0373	.0074	.0019	.0021	
						4960527	047590	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	679576	00700	2215	8	047590	.0597	.0232	1.838	.0079	.0025	.0306	.0452	.0059	.0001	.0024	.1372	.0717	.0368	.0373	.0074	.0019	.0021	
						4960528	047590	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	679576	00800	2210	8	047590	.0597	.0232	1.838	.0079	.0025	.0306	.0452	.0059	.0001	.0024	.1372	.0717	.0368	.0373	.0074	.0019	.0021	
						4960529	047590	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	679576	00900	2215	8	047590	.0597	.0232	1.838	.0079	.0025	.0306	.0452	.0059	.0001	.0024	.1372	.0717	.0368	.0373	.0074	.0019	.0021	
						4960530	047590	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	679576	01000	2210	8	047590	.0597	.0232	1.838	.0079	.0025	.0306	.0452	.0059	.0001	.0024	.1372	.0717	.0368	.0373	.0074	.0019	.0021	
						4960531	047590	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	679576	01100	2215	8	047590	.0597	.0232	1.838	.0079	.0025	.0306	.0452	.0059	.0001	.0024	.1372	.0717	.0368	.0373	.0074	.0019	.0021	
						4960532	047590	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
11			24350																				
TOTAL	11		24350																				

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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 DATE 08.03.2022  
 AGENCY'S ORDER NR. GH22ALL005011  
 A07 CUSTOMER'S ORDER NUMBER  
 42005/42005/11  
 A10 PART NUMBER  
 2388160

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: **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
11	8.00	1500.00	3000.00

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B08 AMOUNT	B07.2 HEAT	TENSILE TEST							BEND TEST		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 <sup>2</sup>	PR °	Temp °C	KV2VP_1 J	KV2VP_2 J	KV2VP_3 J	KV2VP_m J
11	679575	01100	2220	8	047591	0	F	20	758	818	17	1	.8	0	-20	100	117	119	112
	4960513				047591	90	F	20	849	851	16.5								
	679576	00100	2210	8	047590	0	F	20	769	823	17.5	1	.8	0	-20	104	115	104	107
	4960522				047590	90	F	20	836	844	15.5								
	679576	00200	2220	8	047590	0	F	20	769	823	17.5	1	.8	0	-20	104	115	104	107
	4960523				047590	90	F	20	836	844	15.5								
	679576	00300	2215	8	047590	0	F	20	769	823	17.5	1	.8	0	-20	104	115	104	107
	4960524				047590	90	F	20	836	844	15.5								
	679576	00500	2210	8	047590	0	F	20	769	823	17.5	1	.8	0	-20	104	115	104	107
	4960526				047590	90	F	20	836	844	15.5								
	679576	00600	2210	8	047590	0	F	20	769	823	17.5	1	.8	0	-20	104	115	104	107
	4960527				047590	90	F	20	836	844	15.5								
	679576	00700	2215	8	047590	0	F	20	769	823	17.5	1	.8	0	-20	104	115	104	107
	4960528				047590	90	F	20	836	844	15.5								
	679576	00800	2210	8	047590	0	F	20	769	823	17.5	1	.8	0	-20	104	115	104	107
	4960529				047590	90	F	20	836	844	15.5								
	679576	00900	2215	8	047590	0	F	20	769	823	17.5	1	.8	0	-20	104	115	104	107
	4960530				047590	90	F	20	836	844	15.5								
	679576	01000	2210	8	047590	0	F	20	769	823	17.5	1	.8	0	-20	104	115	104	107
	4960531				047590	90	F	20	836	844	15.5								
	679576	01100	2215	8	047590	0	F	20	769	823	17.5	1	.8	0	-20	104	115	104	107
	4960532				047590	90	F	20	836	844	15.5								
	11		24350																
TOTAL	11		24350																

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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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	B09	B10	B11
ITEM	THICKNES	WIDTH	LENGTH
	mm	mm	mm
11	8.00	1500.00	3000.00

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



BREMEN 22.06.2022

QUALITY DEPARTMENT  
 SITE EXPERT FOR INSPECTION  
 Harde

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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