



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  
**20180031501-00**

Inspection certificate 3.1 EN 10204

A05 ORIGINATOR OF THE DOCUMENT  
ArcelorMittal Bremen GmbH  
Abnahme/Zeugnisschreibung  
zeugnisse.bremen@arcelormittal.com  
Telefon 0421/6482813

A09 DISPATCH NOTE  
DATE

0000702000  
23.04.2018

A08.1 MANUFACTURER'S ORDER NR **1710603**  
DATE 30.10.2017  
AGENCY'S ORDER NR. FH74ALU009001

A07 CUSTOMER'S ORDER NUMBER  
41252

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**  
**S650MC**

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

TERMS OF DELIVERY: **EN 10051 (2010)**

JITZ 1.74

ArcelorMittal Bremen GmbH, Postfach 210220, 28222 BREMEN

Oy AluSteel Ab

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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 1.74

A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm	B11 LENGTH mm
1	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 C %	C73 Si %	C72 Mn %	C74 P %	C75 S %	Cu %	C77 Al %	C76 N %	B %	V %	Ti %	Nb %	Cr %	Ni %	Mo %	As %	Sn %	
1	167769	00200	2225	8	047646	.0589	.0266	1.840	.0065	.0014	.0132	.0425	.0044	.0001	.0061	.1371	.0629	.0307	.0299	.0044	.0010	.0015	
	4514165																						
	167769	00300	2225	8	047646	.0589	.0266	1.840	.0065	.0014	.0132	.0425	.0044	.0001	.0061	.1371	.0629	.0307	.0299	.0044	.0010	.0015	
	4514166																						
	167769	00400	2225	8	047646	.0589	.0266	1.840	.0065	.0014	.0132	.0425	.0044	.0001	.0061	.1371	.0629	.0307	.0299	.0044	.0010	.0015	
	4514167																						
	167769	00500	2230	8	047646	.0589	.0266	1.840	.0065	.0014	.0132	.0425	.0044	.0001	.0061	.1371	.0629	.0307	.0299	.0044	.0010	.0015	
	4514168																						
	167769	00600	2225	8	047646	.0589	.0266	1.840	.0065	.0014	.0132	.0425	.0044	.0001	.0061	.1371	.0629	.0307	.0299	.0044	.0010	.0015	
	4514169																						
	167769	00700	2230	8	047646	.0589	.0266	1.840	.0065	.0014	.0132	.0425	.0044	.0001	.0061	.1371	.0629	.0307	.0299	.0044	.0010	.0015	
	4514170																						
	167778	00400	2225	8	047646	.0589	.0266	1.840	.0065	.0014	.0132	.0425	.0044	.0001	.0061	.1371	.0629	.0307	.0299	.0044	.0010	.0015	
	4514186																						
	167778	00500	2225	8	047646	.0589	.0266	1.840	.0065	.0014	.0132	.0425	.0044	.0001	.0061	.1371	.0629	.0307	.0299	.0044	.0010	.0015	
	4514187																						
	167778	00600	2225	8	047646	.0589	.0266	1.840	.0065	.0014	.0132	.0425	.0044	.0001	.0061	.1371	.0629	.0307	.0299	.0044	.0010	.0015	
	4514188																						
	167778	00700	2225	8	047646	.0589	.0266	1.840	.0065	.0014	.0132	.0425	.0044	.0001	.0061	.1371	.0629	.0307	.0299	.0044	.0010	.0015	
	4514189																						
	167779	00500	2220	8	047651	.0626	.0249	1.878	.0066	.0011	.0143	.0572	.0050	.0001	.0053	.1312	.0680	.0327	.0352	.0074	.0016	.0018	
	4514160																						
	11		24480																				
TOTAL	11		24480																				

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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 A08.1 MANUFACTURER'S ORDER NR **1710603**  
 DATE 30.10.2017  
 AGENCY'S ORDER NR. FH74ALU009001  
 A07 CUSTOMER'S ORDER NUMBER  
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 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 1.74

A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm	B11 LENGTH mm
1	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					BENDTEST	SHOCK TEST						
						C02 PR	C03 Temp °C	C11 yield p. Re MPa	C12 strength Rm MPa	C13 A70mm %	C50 Fa	C44 S0 cm <sup>2</sup>	C02 PR	C03 Temp °C	C42 KV2_1 J	C42 KV2_2 J	C42 KV2_3 J	C43 KV2_m J
1	167769	00200	2225	8	047646	0	20	750	802	20	1	.8	0	-20	137	145	151	144
	4514165																	
	167769	00300	2225	8	047646	0	20	750	802	20	1	.8	0	-20	137	145	151	144
	4514166																	
	167769	00400	2225	8	047646	0	20	750	802	20	1	.8	0	-20	137	145	151	144
	4514167																	
	167769	00500	2230	8	047646	0	20	750	802	20	1	.8	0	-20	137	145	151	144
	4514168																	
	167769	00600	2225	8	047646	0	20	750	802	20	1	.8	0	-20	137	145	151	144
	4514169																	
	167769	00700	2230	8	047646	0	20	750	802	20	1	.8	0	-20	137	145	151	144
	4514170																	
	167778	00400	2225	8	047646	0	20	724	783	23	1	.8	0	-20	157	149	148	151
	4514186																	
	167778	00500	2225	8	047646	0	20	724	783	23	1	.8	0	-20	157	149	148	151
	4514187																	
	167778	00600	2225	8	047646	0	20	724	783	23	1	.8	0	-20	157	149	148	151
	4514188																	
	167778	00700	2225	8	047646	0	20	724	783	23	1	.8	0	-20	157	149	148	151
	4514189																	
	167779	00500	2220	8	047651	0	20	720	766	26	1	.8	0	-20	127	123	132	127
	4514160																	
	11		24480															
TOTAL	11		24480															

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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JITZ 1.74

A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm	B11 LENGTH mm
1	8.00	1500.00	3000.00

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



BREMEN 23.04.2018

QUALITY DEPARTMENT  
 SITE EXPERT FOR INSPECTION  
 Dr. Breitschuh

*Breitschuh*

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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