



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

A02 CERTIFICATE
 Page: 01 / 04
20230079885-00

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
0000398083
 03.11.2023

A08.1 MANUFACTURER'S ORDER NR
 DATE
 AGENCY'S ORDER NR. GH33FEO02002
 A07 CUSTOMER'S ORDER NUMBER
 46653
 A10 PART NUMBER
 2388160

A06.1 CUSTOMER
FEON OY
 Teollisuuskatu 33
 00510 Helsinki
 Finland
 A06.2 CONSIGNEE
Feon OY
 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 1.82

ArcelorMittal Bremen GmbH, Postfach 210220, 28222 BREMEN
 FEON OY
 Teollisuuskatu 33
 00510 Helsinki
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A03 Page: 02 / 04
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03.11.2023

A06.1 CUSTOMER
FEON OY

Teollisuuskatu 33
00510 Helsinki
Finland

A06.2 CONSIGNEE
Feon OY

Hepokarintie 9
23500 UUSIKAUPUNKI
Finland

A07 CUSTOMER'S ORDER NUMBER
46653

A10 PART NUMBER
2388160

PRODUCT: hot rolled unpickled sheet
TERMS OF DELIVERY: EN 10051 (2010)

QUALITY: Amstrong® Ultra 650MC
STANDARD: AM FCE
EN 10149-2 (00-09-2013)

JITZ 1.82

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

A08.2 ITEM	B07.1 COIL NO	B07.1 PART	B08 WEIGHT kg	B08 HEAT AMOUNT	CHEMICAL ANALYSIS																
					C71	C73	C72	C74	C75	C81	C77	C76	C83	C84	C78	C82	C79	C80	C85	Sn	
					%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	289525	001	1945	7	0.564	0.248	1.854	0.084	0.023	0.281	0.559	0.070	0.001	0.0050	0.1319	0.756	0.419	0.414	0.111	0.018	0.028
	5112591				0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	289526	002	2210	8	0.564	0.248	1.854	0.084	0.023	0.281	0.559	0.070	0.001	0.0050	0.1319	0.756	0.419	0.414	0.111	0.018	0.028
	5112497				0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	289526	003	2210	8	0.564	0.248	1.854	0.084	0.023	0.281	0.559	0.070	0.001	0.0050	0.1319	0.756	0.419	0.414	0.111	0.018	0.028
	5112498				0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	289526	004	2210	8	0.564	0.248	1.854	0.084	0.023	0.281	0.559	0.070	0.001	0.0050	0.1319	0.756	0.419	0.414	0.111	0.018	0.028
	5112499				0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	289526	005	2205	8	0.564	0.248	1.854	0.084	0.023	0.281	0.559	0.070	0.001	0.0050	0.1319	0.756	0.419	0.414	0.111	0.018	0.028
	5112500				0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	289526	006	2210	8	0.564	0.248	1.854	0.084	0.023	0.281	0.559	0.070	0.001	0.0050	0.1319	0.756	0.419	0.414	0.111	0.018	0.028
	5112501				0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	289526	007	2215	8	0.564	0.248	1.854	0.084	0.023	0.281	0.559	0.070	0.001	0.0050	0.1319	0.756	0.419	0.414	0.111	0.018	0.028
	5112502				0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	289526	008	2205	8	0.564	0.248	1.854	0.084	0.023	0.281	0.559	0.070	0.001	0.0050	0.1319	0.756	0.419	0.414	0.111	0.018	0.028
	5112503				0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	289526	009	2210	8	0.564	0.248	1.854	0.084	0.023	0.281	0.559	0.070	0.001	0.0050	0.1319	0.756	0.419	0.414	0.111	0.018	0.028
	5112504				0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	289526	010	2220	8	0.564	0.248	1.854	0.084	0.023	0.281	0.559	0.070	0.001	0.0050	0.1319	0.756	0.419	0.414	0.111	0.018	0.028
	5112505				0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	289526	011	2220	8	0.564	0.248	1.854	0.084	0.023	0.281	0.559	0.070	0.001	0.0050	0.1319	0.756	0.419	0.414	0.111	0.018	0.028
	5112506				0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	289526	012	1945	7	0.564	0.248	1.854	0.084	0.023	0.281	0.559	0.070	0.001	0.0050	0.1319	0.756	0.419	0.414	0.111	0.018	0.028
	5112507				0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	12		26005																		

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 specmensize (C44)
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A02 CERTIFICATE
 Inspection certificate 3.1 EN 10204

A03 Page: 03 / 04
20230079885-00

A09 DISPATCH NOTE
 DATE

A06.1 CUSTOMER
FEON OY
 Teollisuuskatu 33
 00510 Helsinki
 Finland
 A06.2 CONSIGNEE
Feon OY
 Hepokarintie 9
 23500 UUSIKAUPUNKI
 Finland

A08.1 MANUFACTURER'S ORDER NR **2338918**
 DATE 16.03.2023
 AGENCY'S ORDER NR. GH33FE002002

A07 CUSTOMER'S ORDER NUMBER
 46653

A10 PART NUMBER
 2388160

PRODUCT: hot rolled unpickled sheet
 TERMS OF DELIVERY: EN 10051 (2010)
 QUALITY: **Amstrong® Ultra 650MC** STANDARD: **AM FCE**
S650MC EN 10149-2 (00-09-2013)
 ArcelorMittal Bremen GmbH
 Postfach 210220
 28222 BREMEN
 Carl-Benz-Strasse 30
 28237 BREMEN
 Telefon 0421/6480
 Telefax 0421/6482251

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

A08.2 ITEM	B07.1 COILNO	B08 PART	B13 WEIGHT kg	CHEMICAL ANALYSIS																			
	B07.1	B08	B13	C71	C72	C73	C74	C75	C81	C87	C88	C89	C90	C91	C92	C93	C94	C95	C96	C97	C98	C99	C100
				C	Si	Mn	P	S	Cu	Al	N	B	V	Ti	Nb	Cr	Ni	Mo	As	Sn			
				%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
TOTAL	12		26005																				

A08.2 ITEM	B07.1 COILNO	B08 PART	B13 WEIGHT kg	C02 PR	C04 MAZ	C03 Temp °C	C11 Yield p. strength MPa	C12 Rm MPa	C13 A70mm %	BENDTEST/SHOCK TEST													
										C50 Fa	S0 cm²	PR °	Temp °C	KV2VP 1 J	KV2VP 2 J	KV2VP 3 J	C42	C43					
2	289525	001	1945	7	062973	20	720	792	17	1	.8	0	-20	132	141	139	137						
	5112591			90	062973	20	793	826	18														
	289526	002	2210	8	062973	20	693	767	16	1	.8	0	-20	135	145	137	139						
	5112497			90	062973	20	757	800	17.5														
	289526	003	2210	8	062973	20	693	767	16	1	.8	0	-20	135	145	137	139						
	5112498			90	062973	20	757	800	17.5														
	289526	004	2210	8	062973	20	693	767	16	1	.8	0	-20	135	145	137	139						
	5112499			90	062973	20	757	800	17.5														
	289526	005	2205	8	062973	20	693	767	16	1	.8	0	-20	135	145	137	139						
	5112500			90	062973	20	757	800	17.5														
	289526	006	2210	8	062973	20	693	767	16	1	.8	0	-20	135	145	137	139						
	5112501			90	062973	20	757	800	17.5														
	289526	007	2215	8	062973	20	693	767	16	1	.8	0	-20	135	145	137	139						
	5112502			90	062973	20	757	800	17.5														
	289526	008	2205	8	062973	20	693	767	16	1	.8	0	-20	135	145	137	139						
	5112503			90	062973	20	757	800	17.5														
	289526	009	2210	8	062973	20	693	767	16	1	.8	0	-20	135	145	137	139						
	5112504			90	062973	20	757	800	17.5														

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 1.82



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A02 CERTIFICATE
 Inspection certificate 3.1 EN 10204

A03 Page: 04 / 04
20230079885-00

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

A09 DISPATCH NOTE DATE
 03.11.2023

A08.1 MANUFACTURER'S ORDER NR 2338918
DATE 16.03.2023
AGENCY'S ORDER NR. GH33FEO002002

A07 CUSTOMER'S ORDER NUMBER
 46653

A10 PART NUMBER
 2388160

A06.1 CUSTOMER FEON OY
 Teollisuuskatu 33
 00510 Helsinki
 Finland

A06.2 CONSIGNEE Feon OY
 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)**

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

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B08 WEIGHT kg	B13 AMOUNT	TENSILE TEST				BENDTEST/SHOCK TEST										
					C02 PR	C04 MAZ	C03 Temp °C	C11 Yield p. strength Re MPa	C12 strength Rm MPa	C13 A70mm %	C50 Fa	S0 cm ²	PR	Temp °C	C03 KV2VP	C02 KV2VP	C04 KV2VP	C43 J	
2	289526	010	2220	8	062973	0	F	20	693	767	16	1	.8	0	-20	135	145	137	139
						90	F	20	757	800	17.5	1	.8	0	-20	135	145	137	139
						0	F	20	693	767	16	1	.8	0	-20	135	145	137	139
2	289526	011	2220	8	062973	0	F	20	693	767	16	1	.8	0	-20	135	145	137	139
						90	F	20	757	800	17.5	1	.8	0	-20	135	145	137	139
						0	F	20	693	767	16	1	.8	0	-20	135	145	137	139
2	289526	012	1945	7	062973	0	F	20	693	767	16	1	.8	0	-20	135	145	137	139
						90	F	20	757	800	17.5	1	.8	0	-20	135	145	137	139
						0	F	20	693	767	16	1	.8	0	-20	135	145	137	139
TOTAL		12	26005																

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



QUALITY DEPARTMENT
 SITE EXPERT FOR INSPECTION

Handwritten signature

BREMEN 03.11.2023

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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JITZ 1.82