



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  
20210048544-00

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  
0000107747  
16.07.2021

A08.1 MANUFACTURER'S ORDER NR  
DATE  
AGENCY'S ORDER NR.  
2184278  
25.01.2021  
GH12FEH003001

A07 CUSTOMER'S ORDER NUMBER  
1114794

A10 PART NUMBER  
XR65008

A06.1 CUSTOMER  
FEON OY

Teollisuuskatu 33  
00510 Helsinki  
Finland

A06.2 CONSIGNEE  
Feon OY

HAKINTIE 6  
01380 Vantaa  
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 1.79

ArcelorMittal Bremen GmbH, Postfach 210220, 28222 BREMEN

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00510 Helsinki  
Finland



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**FEON OY**  
 Teollisuuskatu 33  
 00510 Helsinki  
 Finland  
 A06.2 CONSIGNEE  
**Feon OY**  
 HAKINTIE 6  
 01380 Vantaa  
 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
1	8.00	1500.00	6000.00

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 %				
1	310083	00100	2280	4	036333	.0543	.0230	1.838	.0064	.0013	.0260	.0486	.0050	.0001	.0060	.1483	.0697	.0358	.0351	.0078	.0017	.0023		
	4840454				036333	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
	310083	00200	2280	4	036333	.0543	.0230	1.838	.0064	.0013	.0260	.0486	.0050	.0001	.0060	.1483	.0697	.0358	.0351	.0078	.0017	.0023		
	4840455				036333	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
	310083	00300	2285	4	036333	.0543	.0230	1.838	.0064	.0013	.0260	.0486	.0050	.0001	.0060	.1483	.0697	.0358	.0351	.0078	.0017	.0023		
	4840456				036333	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
	310083	00400	2285	4	036333	.0543	.0230	1.838	.0064	.0013	.0260	.0486	.0050	.0001	.0060	.1483	.0697	.0358	.0351	.0078	.0017	.0023		
	4840457				036333	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
	310083	00500	2280	4	036333	.0543	.0230	1.838	.0064	.0013	.0260	.0486	.0050	.0001	.0060	.1483	.0697	.0358	.0351	.0078	.0017	.0023		
	4840458				036333	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
	310083	00600	2280	4	036333	.0543	.0230	1.838	.0064	.0013	.0260	.0486	.0050	.0001	.0060	.1483	.0697	.0358	.0351	.0078	.0017	.0023		
	4840459				036333	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
	310083	00700	2285	4	036333	.0543	.0230	1.838	.0064	.0013	.0260	.0486	.0050	.0001	.0060	.1483	.0697	.0358	.0351	.0078	.0017	.0023		
	4840460				036333	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
	310083	00800	2280	4	036333	.0543	.0230	1.838	.0064	.0013	.0260	.0486	.0050	.0001	.0060	.1483	.0697	.0358	.0351	.0078	.0017	.0023		
	4840461				036333	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
	310083	00900	2285	4	036333	.0543	.0230	1.838	.0064	.0013	.0260	.0486	.0050	.0001	.0060	.1483	.0697	.0358	.0351	.0078	.0017	.0023		
	4840462				036333	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
	310083	01000	2285	4	036333	.0543	.0230	1.838	.0064	.0013	.0260	.0486	.0050	.0001	.0060	.1483	.0697	.0358	.0351	.0078	.0017	.0023		
	4840463				036333	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
	310083	01100	2290	4	036333	.0543	.0230	1.838	.0064	.0013	.0260	.0486	.0050	.0001	.0060	.1483	.0697	.0358	.0351	.0078	.0017	.0023		
	4840464				036333	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
	310083	01200	2290	4	036333	.0543	.0230	1.838	.0064	.0013	.0260	.0486	.0050	.0001	.0060	.1483	.0697	.0358	.0351	.0078	.0017	.0023		
	4840465				036333	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		

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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 A10 PART NUMBER  
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 Finland  
 A06.2 CONSIGNEE  
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 HAKINTIE 6  
 01380 Vantaa  
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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 ITEM	B09 THICKNES mm	B10 WIDTH mm	B11 LENGTH mm
1	8.00	1500.00	6000.00

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 %	
1	<b>310083</b> 4840466	01300	575	1	<b>036333</b> <b>036333</b>	.0543	.0230	1.838	.0064	.0013	.0260	.0486	.0050	.0001	.0060	.1483	.0697	.0358	.0351	.0078	.0017	.0023	
	13		27980			0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
TOTAL		13	27980																				

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 p. Re MPa	strength Rm MPa	A90mm %	Fa	S0 cm²	PR °	Temp °C	KV2VP_1 J	KV2VP_2 J	KV2VP_3 J	KV2VP_m J
1	<b>310083</b> 4840454	00100	2280	4	<b>036333</b> <b>036333</b>	0	F	20	733	799	18.5	1	.8	0	-20	117	129	121	122
	4840455	00200	2280	4	<b>036333</b> <b>036333</b>	90	F	20	776	817	17	1	.8	0	-20	117	129	121	122
	<b>310083</b> 4840456	00300	2285	4	<b>036333</b> <b>036333</b>	0	F	20	733	799	18.5	1	.8	0	-20	117	129	121	122
	4840457	00400	2285	4	<b>036333</b> <b>036333</b>	90	F	20	776	817	17	1	.8	0	-20	117	129	121	122
	<b>310083</b> 4840458	00500	2280	4	<b>036333</b> <b>036333</b>	0	F	20	733	799	18.5	1	.8	0	-20	117	129	121	122
	4840459	00600	2280	4	<b>036333</b> <b>036333</b>	90	F	20	776	817	17	1	.8	0	-20	117	129	121	122
	<b>310083</b> 4840460	00700	2285	4	<b>036333</b> <b>036333</b>	0	F	20	733	799	18.5	1	.8	0	-20	117	129	121	122
						90	F	20	776	817	17								

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 1.79

A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm	B11 LENGTH mm
1	8.00	1500.00	6000.00

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	A90mm %	Fa	S0 cm <sup>2</sup>	PR °	Temp °C	KV2VP_1 J	KV2VP_2 J	KV2VP_3 J	KV2VP_m J
1	310083	00800	2280	4	036333	0	F	20	733	799	18.5	1	.8	0	-20	117	129	121	122
	4840461				036333	90	F	20	776	817	17								
	310083	00900	2285	4	036333	0	F	20	733	799	18.5	1	.8	0	-20	117	129	121	122
	4840462				036333	90	F	20	776	817	17								
	310083	01000	2285	4	036333	0	F	20	733	799	18.5	1	.8	0	-20	117	129	121	122
	4840463				036333	90	F	20	776	817	17								
	310083	01100	2290	4	036333	0	F	20	733	799	18.5	1	.8	0	-20	117	129	121	122
	4840464				036333	90	F	20	776	817	17								
	310083	01200	2290	4	036333	0	F	20	733	799	18.5	1	.8	0	-20	117	129	121	122
	4840465				036333	90	F	20	776	817	17								
	310083	01300	575	1	036333	0	F	20	733	799	18.5	1	.8	0	-20	117	129	121	122
	4840466				036333	90	F	20	776	817	17								
		13			27980														
TOTAL		13			27980														

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

  
 BREMEN 16.07.2021

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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