


A01 ARCELORMITTAL GENT JOHN KENNEDYLAAN 51.. 9042 GENT		 ArcelorMittal		A03 N° 2104003 .1 Printout date 16/03/2020		A08 Order No 291942/1 Creation date 10/12/2019		A07 Cust. Ref. 1113497 Order's date 10/12/2019 Contract Nr.			
A05 ARCELORMITTAL ESP SSC TWEE MOLENSTRAAT 8 2440 GEEL 014241510 014285274		OY KONTINO AB HAKINTIE 6-8 PL 27 01380 VANTAA FINLAND				A06.2 Destination		OY KONTINO AB HAKINTIE 6-8 01380 VANTAA FINLAND			
		A06.3 Customer		OY KONTINO AB HAKINTIE 6-8 PL 27 01380 VANTAA FINLAND		A09		Del.Note No 447906 Delivery date 16/03/2020			
Certificate				A02 3.1 / EN10204 + KV							

B01 - B04	MATERIAL SPECIFICATION	- Item : 1 SHEET DKP-AMSTRONG355MC-O ARCELORMITTAL
-----------	------------------------	--

B03.1 Item	1	B12 Lgth (mm)	3000.00	B11 Width (mm)	1500.00	B09 Thick. (mm)	8.000	B14		Z05 Certification	
---------------	---	------------------	---------	-------------------	---------	--------------------	-------	-----	--	----------------------	--


Product N°	2865111 , 2865112 , 2865113 , 2865114 , 2865115										
B07 Coils N°	Entity	865909549	B07.1 Heat No	64152	B08 - Number of Pieces	40	B13 - Weight (kg)	11280.000			
	Supplier entity	865909549									

Chemical Analysis																								
		C71	C72	C74	C75	C73	C77	C78	C80	C79	C76	C81	C83	C84	C82	C85	C86	C88	C87	C93	C94	C95	C96	C97
B07	B07.1	C	Mn	P	S	Si	Al	Nb	V	Ti	N	B	Cu	Ni	Cr	Mo	Sn	As	Zr	Cev	Ceq	Gal	Res	Dis
Supplier entity	Heat No	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
865909549	64152	/0.100 0.0659	/1.400 0.528	/0.020 0.015	/0.015 0.006	/0.030 0.010	0.015 0.0479	/0.075 0.0258	/0.200 0.002	/0.150 0.001	/	/	/	/	/	/	/	/	/	/	/	/	/	/

Mechanical Values																
Mechanical characteristics With EN ISO 6892-1												Caractéristiques en Flexio par Choc With EN ISO 148-1				
	C04	C03	C02	C11	C12	C13	C14	C15	C16	C17	C18	C44	C45	C46	C42	C43, C40
B07	Condition	Test temp.	Direction	Re	Rm	A%	n	r	BH2	BH0	WH	Test temp.	Direction		KC1, ...	K
Supplier entity				MPa	MPa	%			MPa	MPa	MPa				J	J
865909549		+20°C	L	355 / ReL 435 380	430 / 520 475	25 / A5.65 35 A5.65	/	/	/	/	/	-40°C	L		/ 205, 198, 203 Kv	/ 202.0 Kv

C02, C45 - Direction of the test piece in relation to the rolling direction (L = 0° - T = 90° - S = 45°)

C04 - Sample conditions (V = Aged - F = Fresh - N = Normalized - AR = As Rolled)

A01 ARCELORMITTAL GENT JOHN KENNEDYLAAN 51.. 9042 GENT		ArcelorMittal 		A03 N° 2104003 .1 Printout date 16/03/2020	A08 Order No 291942/1 Creation date 10/12/2019	A07 Cust. Ref. 1113497 Order's date 10/12/2019 Contract Nr.	
A05 ARCELORMITTAL ESP SSC TWEE MOLENSTRAAT 8 2440 GEEL 014241510 014285274		OY KONTINO AB HAKINTIE 6-8 PL 27 01380 VANTAA FINLAND			A06.2 Destination	OY KONTINO AB HAKINTIE 6-8 01380 VANTAA FINLAND	
		A06.3 Customer	OY KONTINO AB HAKINTIE 6-8 PL 27 01380 VANTAA FINLAND			A09	Del.Note No 447906 Delivery date 16/03/2020
Certificate		A02 3.1 / EN10204 + KV					

Surface characteristics		
B07	B07.2	
Supplier entity	Faces	
865909549		No requirements

Controls carried out:	D01.1 - Visual : O.K.	D01.2 - Measurement control : O.K.	D01.3 - Stamping : O.K.	
-----------------------	-----------------------	------------------------------------	-------------------------	--

Z01 - We certify hereby that the above mentioned products are consistent with the order prescriptions.

Z02 - Values transmitted by :

ARCELORMITTAL ESP SSC
Hans Vos
Kwaliteitsdienst




Z02 - Values certified by :

ARCELORMITTAL GENT
R. Slock

Z03 - STAMPING

--

A01  ARCELORMITTAL ATLANTIQUE RUE DU COMTE JEAN-GRANDE SYNTHE.. BP 2508 59381 DUNKERQUE CEDEX 1 FRANCE ARCELORMITTAL ESP SSC TWEET MOLENSTRAAT 8 2440 GEEL 014241510 014285274	A03 N° 2104003 .2 Printout date 16/03/2020	A08 Order No 291942/2 Creation date 10/12/2019	A07 Cust. Ref. 1113497 Order's date 10/12/2019 Contract Nr.	
	OY KONTINO AB HAKINTIE 6-8 PL 27 01380 VANTAA FINLAND		A06.2 Destination	OY KONTINO AB HAKINTIE 6-8 01380 VANTAA FINLAND
	A06.3 Customer	OY KONTINO AB HAKINTIE 6-8 PL 27 01380 VANTAA FINLAND		A09
Certificate		A02 3.1 / EN10204 + KV		

B01 - B04	MATERIAL SPECIFICATION	- Item : 2 SHEET DKP-AMSTRONG355MC-O ARCELORMITTAL
-----------	------------------------	--

B03.1		B12		B11		B09		B14		Z05	
Item	2	Lgth (mm)	3000.00	Width (mm)	1500.00	Thick. (mm)	10.000			Certification	


Product N°	2848967 , 2848968 , 2848969 , 2848970 , 2848971										
B07	Entity	7487864	B07.1		B08 - Number of Pieces	30					
Coils N°	Supplier entity	25399000	Heat No	8649084058	B13 - Weight (kg)	10572.000					

Chemical Analysis																								
		C71	C72	C74	C75	C73	C77	C78	C80	C79	C76	C81	C83	C84	C82	C85	C86	C88	C87	C93	C94	C95	C96	C97
B07	B07.1	C	Mn	P	S	Si	Al	Nb	V	Ti	N	B	Cu	Ni	Cr	Mo	Sn	As	Zr	Cev	Ceq	Gal	Res	Dis
Supplier entity	Heat No	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
25399000	8649084058	/0.100 0.069	/1.400 0.6411	/0.020 0.0103	/0.015 0.0059	/0.030 0.0072	0.015 0.0312	/0.075 0.0337	/0.200 0.0008	/0.150 0.0009	/	/	/	/	/	/	/	/	/	/	/	/	/	/

Mechanical Values																
Mechanical characteristics With EN ISO 6892-1												Caractéristiques en Flexio par Choc With EN ISO 148-1				
	C04	C03	C02	C11	C12	C13	C14	C15	C16	C17	C18	C44	C45	C46	C42	C43, C40
B07	Condition	Test temp.	Direction	Re	Rm	A%	n	r	BH2	BH0	WH	Test temp.	Direction		KC1, ...	K
Supplier entity				MPa	MPa	%			MPa	MPa	MPa				J	J
25399000		+20°C	L	355 / ReL 403 Rp0.2	435 / 468	430 / 520	25 / A5.65 33 A5.65	/	/	/	/	-20°C	L		/ 54, 33, 44 Kv	/ 43.7 Kv

C02, C45 - Direction of the test piece in relation to the rolling direction (L = 0° - T = 90° - S = 45°)

C04 - Sample conditions (V = Aged - F = Fresh - N = Normalized - AR = As Rolled)

A01  ArcelorMittal ARCELORMITTAL ATLANTIQUE RUE DU COMTE JEAN-GRANDE SYNTHÉ.. BP 2508 59381 DUNKERQUE CEDEX 1 FRANCE ARCELORMITTAL ESP SSC TWEË MOLENSTRAAT 8 2440 GEËL 014241510 014285274	A03 N° 2104003 .2 Printout date 16/03/2020	A08 Order No 291942/2 Creation date 10/12/2019	A07 Cust. Ref. 1113497 Order's date 10/12/2019 Contract Nr.	
	OY KONTINO AB HAKINTIE 6-8 PL 27 01380 VANTAA FINLAND		A06.2 Destination	OY KONTINO AB HAKINTIE 6-8 01380 VANTAA FINLAND
	A06.3 Customer	OY KONTINO AB HAKINTIE 6-8 PL 27 01380 VANTAA FINLAND		A09
Certificate		A02 3.1 / EN10204 + KV		

Surface characteristics		
B07	B07.2	
Supplier entity	Faces	
7487864		No requirements

Controls carried out:	D01.1 - Visual : O.K.	D01.2 - Measurement control : O.K.	D01.3 - Stamping : O.K.	
-----------------------	-----------------------	------------------------------------	-------------------------	--

Z01 - We certify hereby that the above mentioned products are consistent with the order prescriptions.

Z02 - Values transmitted by :

ARCELORMITTAL ESP SSC
Hans Vos
Kwaliteitsdienst



Z02 - Values certified by :

ARCELORMITTAL
ATLANTIQUE
E. Hoogstoel

Z03 - STAMPING