

SSAB EMEA AB, SE-781 84 BORLÄNGE, Sweden

Test report EN 10 204 - 2.2	A02	Issuing department Quality inspection	A05	Purchaser order no SPOT HGD	A07	Our order no 799861-2	A08	Invoice no 2586934	A19	Certificate no and date 14818898 2014-05-06	A03
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Purchaser ALUSTEEL OY AB TELAKKATIE 4 FI-23500 UUSIKAUPUNKI FINLAND	A11	Product Dogal galvanized coils	B01	Marking Manufacturer, MATERIAL ID	B06	Standard/rules DX51D EN 10346+Z 275-M-A-C	B02		
	24574	Quantity 1	B08	Dimensions [mm] T ,75 W 1250 L 0	B09-B11	Weight [kg] 12050	B12	Deliv. Cond. B04	Internal code B16
	Consignee ALUSTEEL OY AB TELAKKATIE 4 FI-23500 UUSIKAUPUNKI FINLAND				A06	Customer marks B15			
MATERIAL ID 28-8964-M72795							B07		

Chemical composition											C71-C92	Carbon equivalent etc	C93-C99				
Heat no 28-8964	C .054	Si .00	Mn .22	P .006	S .007	Cr .02	Ni .03	Mo .00	V .00	Ti .00	Cu .00	Al .040	Nb .000	B .0015	N .002	Cekv .10	Cekv = C + Mn/6 + (Ni + Cu)/15 + (Cr + Mo + V)/5

Testtype	C04	Millcode	C00	Specimen position	C01	Direction	C02	Treatment	B05	Specimen type	C10	Temp [degr C]	C03	Test results		
Tensile test		BAY148		Tail end		Transvers		Delivery condition		Rectangular 250x20				C11 Rel [MPa] 276	C12 Rm [MPa] 361	C13 A80 [%] 35,5
Coating		-						Delivery condition						C66 ZN [g/m ²] 285,0		

Production time: 2014-05-06

It is hereby certified that the material described above complies with the requirements of the order.	Z02	This certificate is produced with EDP and valid without signature	Z01	A22	A04
		Material Testing/ L Smedh/ M Eriksson/ L Söderqvist			