

SSAB EMEA AB, SE-781 84 BORLÄNGE, Sweden

Inspection certificate EN 10 204 - 3.1	A02	Issuing department Quality inspection	A05	Purchaser order no P022067	A07	Our order no 804726-2	A08	Invoice no 2603206	A19	Certificate no and date 14937463 2014-07-10	A03
---	-----	--	-----	-------------------------------	-----	--------------------------	-----	-----------------------	-----	--	-----

Purchaser A11 81205  BE GROUP OY AB HELSINGINTIE 50 POSTBOX 54 FI-15101 LAHTIS FINLAND	Product HR wide strip sheets	B01	Marking Manufacturer, MATERIAL ID	B06	Standard/rules SSAB Steel grade DOMEX 650 MC E	B02		
	Quantity 94	B08	Dimensions [mm] T 8 W 1500 L 3000	B09-B11	Weight [kg] 26600	B12	Deliv. Cond. B04	Internal code B16
	Consignee BE GROUP OY AB HELSINGINTIE 50 POSTBOX 54 FI-15101 LAHTIS FINLAND	A06	Customer marks	B15				

<b>MATERIAL ID</b> 57-5346-574265-01 , 57-5346-574265-02 , 57-5346-574265-03 , 57-5346-574265-04 , 57-5346-574265-05 , 57-5346-574265-06 , 57-5346-574265-07 , 57-5346-574265-08 , 57-5346-574265-09	B07
---	-----

Chemical composition	C71-C92	Carbon equivalent etc C93-C99
Heat no 57-5346	C Si Mn P S Cr Ni Mo V Ti Cu Al Nb B N Ceqv .068 .27 1.60 .013 .001 .03 .04 .00 .02 .11 .01 .046 .058 .0003 .004 .35	Ceqv = 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	BEF093	Top end	Longitudinal	Delivery condition	Rectangular 380x40									C11 Reh [MPa] 708	C12 Rm [MPa] 800	C13 A5 [%] 22,0	
Impact test	BEF094	Top end	Longitudinal	Delivery condition	Charpy-V 10x7.5	-40								C42 E [J] 54	C42 E [J] 49	C42 E [J] 50	C43 Ave [J] 51
Bend test	BEF095	Top end	Transvers	Delivery condition	Rectangular 300x25									C50 The test is satisfactory			

Production time: 2014-07-08

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 <b>DOMEX</b> HIGH STRENGTH STEEL www.domex.com
		Material Testing/ L Smedh/ M Eriksson/ L Söderqvist			