

Inspection certificate EN 10 204 - 3.1		A02 Issuing department Quality inspection		A05 Purchaser order no 1570		A07 Our order no 177275-10		A08 Invoice no		A19 Certificate no and date 16483350 2017-03-18		A03	
Purchaser SSAB SWEDISH STEEL COMERCIO DE ACO RUA CELIO JOSE FRANCESCHI, 73 83707-748 CHAPADA-ARAUCARIA Parana Brazil				Product Abrasion resistant steel plate		Marking (Stamping) Steel grade, Manufacturer, MATERIAL ID		B06 Customer marks 8838		B15			
Quantity B08 1		Dimensions [mm] T 76.2 W 1700 L 6000		B09-B11 Weight [kg] 6102		B12 Deliv. Cond. Q		B04 Internal code 21529		B16			
Consignee SSAB Swedish Steel Ltda Rua Cello Jose Franceshi 73 - Chapada 83.707-748 ARAUCARIA Brazil				A06 Standard/rules OX HARDX 450 Steel grade HARDX 450		B02							
MATERIAL ID 120461-202105												B07	

Chemical composition												C71-C92		C93-C99	
Heat no 120461	C	Si	Mn	P	S	Cr	Ni	Mo	B	EW	C14			Carbon equivalent etc	
	.19	.24	.97	.012	.001	1.18	.70	.346	.001	.71	.402			CEV (EW) = C + Mn/6 + (Cr+Mo+V)/5 + (Ni+Cu)/15	
														C14 = CET = C + (Mn+Mo)/10 + (Cr+Cu)/20 + Ni/40	

Testtype	C04	Millcode	C00	Specimen position	C01	Direction	C02	Treat-ment	B05	Specimen type	C10	Temp [degr C]	C03	Test results
Hardness test (HBW)	012690	Top end	Delivery condition	C32	Ave	461								

CORACORTHE COM. FERRO E AÇO LTDA.

RASTREABILIDADE	
FORNECEDOR: CORACORTHE	
NF. Nº	
CLIENTE:	
OP. Nº:	

CH 15743

		This certificate is produced with EDP and valid without signature Quality Inspection Department/ R Tschemernjack / A Backlund		Z02		Z01 It is hereby certified that the material described above complies with the requirements of the order.		A22		A04 HARDX® WEAR PLATE www.hardox.com	
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