

Inspection certificate DIN EN 10204 3.1

Certificate No.0000828872/ 001

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Hydro Aluminium
Rolled Products



HYDRO

Plant Hamburg

Hydro Aluminium Rolled Products GmbH, Aluminiumstraße, D-21129 Hamburg Tibnor OY Suolakivenkatu 7 FI-00811 HELSINKI	Packing List No./Position	1450408741 000050
	Order-No./Pos./Custo.-No.	775412/ 000050/ 128471
	Customer order No.	4500922061 27.01.2017
	Material-No.	85769008
	Alloy	5754
	Temper	H111
	Dimensions (Th. x W x L)	8.000 x 1,500.00 x 3,000.00 mm

Technical Requirements DIN EN 485-2 , DIN EN 515 , DIN EN 573-3 AD 2000-W6/1, acc. to ASME SB 209 5083 / O	Sales text FP_5754-G_H111_011_8_1500_3,0_oP
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Batch Traceability

Origin	Package-No.	Cast Batch No.	Checkpoint	Master ID	Weight [kg]	No. of Pieces
458140011	45814001	3802821442017	458140011	458140011	1.068	11
458140012	45814002	3802821442017	458140011	458140012	1.066	11
458140013	45814003	3802821442017	458140011	458140013	1.070	11
458140014	45814004	3802821442017	458140011	458140014	1.068	11
458140015	45814005	3802821442017	458140011	458140015	1.068	11
458140016	45814006	3802821442017	458140011	458140016	1.066	11
458140017	45814007	3802821442017	458140011	458140017	1.066	11
458140018	45814008	3802821442017	458140011	458140018	1.066	11
458140019	45814009	3802821442017	458140011	458140019	866	9

Inspection Results

Checkpoint	Results (Begin/Mid/End)				min.	max.
	Thickness mm	Rm MPa	Rp0,2 MPa	A50 (2") %		
	7,800	190	80	18,0		
	8,200	240				
458140011	8.068	222	141	28.1		
	8.047	220	140	29.1		
	8.004	221	140	29.5		



Chemical Composition (wt.%) of Batch(es)

Cast Batch No.	Si %	Fe %	Cu %	Mn %	Mn+ Cr %	Mg %	Cr %	Zn %	Ti %
min.	-	-	-	-	0.10	2.6	-	-	-
max.	0.40	0.40	0.10	0.50	0.6	3.6	0.30	0.20	0.15
380282144 2017	0.21	0.32	0.05	0.30	0.34	2.8	0.04	0.08	0.03

Approved acc. to AD 2000-Merkblatt W0 and certified acc. to PED (97/23/EC) by Certification Body for Pressure Equipment of TÜV NORD Systems GmbH & Co. KG (notified body, Reg.No.:0045).

QM-System accredited to ISO/TS 16949 ISO 9001 & ISO 14001 & EN 50001 We hereby certify, that the material described above has been tested and complies with the terms of the order contract. Dimension & surface inspec. without complaints This inspection certificate has been printed by computer system.			inspection representative	A.Witz
			Sign	WAH2
			Plant	Hamburg
			place of issue	Hamburg 06.03.2017

