

C E R T I F I C A T E

Päiväys: 16.3.2017

Meidän tilausnumero: 0407336
Asiakkaan tilausnumero: R.Wessman 001724

TAMMINIITTY OY
ATT: AINE
RAKENTAJANTIE 1
FI-27510 EURA

Rivi	Tuote	Kuvaus	Viite	Sulatusnumero
1	4100301066	EN AW-5754 H22 2X1500X3000 EI VÄLIP		17300382
2	4100301109	EN AW-5754 H22 3X1500X3000 EI VÄLIP		17300192
3	4100301126	EN AW-5754 H22 4X1500X3000 EI PAP		63180021
4	4103101310	AL.KYYN 5754 H114 3/4.5X1500X3000 MM		1690962

Pyydetyt todistukset yllä oleville tilauksille lähetetään teille.

BE Group Oy Ab
PL 54 Helsingintie 50
FI-15101 LAHTI

Puhelinnumero: +358 3 825200
Faksinumero: +358 3 8252503

certificates@begroup.fi



impexmetal s.a.
ALUMINIUM KONIN

62-510 KONIN ul.Hutnicza 1

Tel. (063) 247 44 22

(063) 247 44 88

Fax. (063) 247 47 89

INSPECTION CERTIFICATE

No 102143/6

Date: 2017-02-12

EN 10204/3.1

ORDER No	
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GOODS DESCRIPTION				
Alloy	Batch No	Dimensions [mm]		Temper
EN-AW 5754	102143/6	Thickness	2,000	H22
		Width	1500,00	
		Length	3000,00	

CHEMICAL ANALYSIS [%]									
Heat/Melt No	Fe	Si	Cu	Mg	Mn	Cr	Ti	Zn	Other
17300382	0,263	0,329	0,075	2,882	0,269	0,020	0,023	0,059	

MECHANICAL AND OTHER PROPERTIES					
Slab/Coil No	Rm	R _{p0,2}	A ₅₀	Hardness	Other
	[MPa]	[MPa]	[%]	[HB, V]	
17300382	220	154	21	-	-

Tolerance of dimensions and the shape - positive result

WE HEREBY CERTIFY THAT THE GOODS COMPLY WITH YOUR ORDER AND NORM:

EN485-1,2,4; EN573-3; EN15088



1436-CPR-0032
2013

CENTRAL LABORATORY
Laboratory Foreperson
Waldemar Dobry

TRANSPORT and STORAGE CONDITIONS OF ALUMINIUM STRIPS AND SHEETS BY CUSTOMER

Strips (sheets) should be transported by covered, dry and clean means of transport preserving current regulation, protecting it from mechanical damage, humidity and harmful environmental factors.

Strips (sheets) should be stored in covered, dry and clean rooms protecting them from humidity and action of active chemicals. Protection of coil edges against mechanical damage should be taken into special attention. Butting face damage can cause difficulties in uncoiling process.

The storage temperature room should be stable. Changes of the temperature in stock cause that air moisture is condensed on the strip surface, in consequence of capillary activity, between coils, penetrates inside and inducing corrosion.

Disregard of above mentioned transport and storage conditions absolves supplier from responsibilities for material quality.



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INSPECTION CERTIFICATE
EN 10204/3.1

No 100725/4 Date: 2017-01-19

ORDER No	P047658
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GOODS DESCRIPTION			
Alloy	Batch No	Dimensions [mm]	Temper
EN-AW 5754	100725/4	Thickness	3,000
		Width	1500,00
		Length	3000,00
			H22

CHEMICAL ANALYSIS [%]									
Heat/Melt No	Fe	Si	Cu	Mg	Mn	Cr	Ti	Zn	Other
17300192	0,293	0,231	0,036	2,853	0,363	0,075	0,031	0,130	

MECHANICAL AND OTHER PROPERTIES					
Slab/Coil No	Rm	R _{p0,2}	A ₅₀	Hardness	Other
	[MPa]	[MPa]	[%]	[HB, V]	
17300192	223	141	23	-	-

Tolerance of dimensions and the shape - positive result

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EN485-1,2,4; EN573-3; EN15088



1436-CPR-0032
2013

CENTRAL LABORATORY
Laboratory Foreperson
Waldemar Dobry

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INSPECTION CERTIFICATE
EN 10204/3.1

No 100558/1

Date: 2017-01-12

ORDER No	P047199
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GOODS DESCRIPTION			
Alloy	Batch No	Dimensions [mm]	Temper
EN-AW 5754	100558/1	Thickness	4,000
		Width	1500,00
		Length	3000,00
			H22

CHEMICAL ANALYSIS [%]									
Heat/Melt No	Fe	Si	Cu	Mg	Mn	Cr	Ti	Zn	Other
631800	0,316	0,227	0,052	2,869	0,324	0,076	0,032	0,074	

MECHANICAL AND OTHER PROPERTIES					
Slab/Coil No	Rm	R _{p0,2}	A ₅₀	Hardness	Other
	[MPa]	[MPa]	[%]	[HB, V]	
63180021	223	136	24	-	-

Tolerance of dimensions and the shape - positive result

WE HEREBY CERTIFY THAT THE GOODS COMPLY WITH YOUR ORDER AND NORM:

EN485-1,2,4; EN573-3; EN15088



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2013

CENTRAL LABORATORY
Laboratory Foreperson
Waldemar Dobry

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ARCONIC

Innovation, engineered.

Arconic Europe

Brazing, Commercial Transportation & Industrial Solutions

Arconic-Köfém Kft.

8000 Székesfehérvár

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Telefon: 36 22 531 200

Fax: 36 22 312 491

INSPECTION CERTIFICATE

BE Group OY AB
LAHTI Kirkkaat / Ovet 5-7
Vanhanradankatu 42
15522 LAHTI
Finland

EN 10204 3.1

Ordernumber Arconic **037890005**
Date 11/01/17
Certificate number W17028681
Shipment doc.ref. **427438**

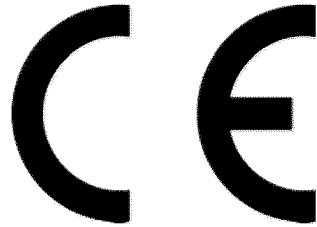
Your order nr	Your alloy	Your temper	Quantity	Your Art nr
P048354	5754	H114	2088 kg	4103101310
Global specification				
TREAD PLATE 5754 H114 573/515/1386 Mill finish				
Dimensions T x W x L 3.0000 x 1500.00 x 3000.0 mm				
Remarks				

Chemical composition											5754	
Cast no		%Si	%Fe	%Cu	%Mn	%Mg	%Cr	%Ni	%Zn	%Ti	Others	
											%Each	Total
1690962	0839A	0.25	0.38	0.060	0.24	2.87	0.057		0.021	0.014		
Limit	Min.					2.60						
	Max.	0.40	0.40	0.10	0.50	3.60	0.30		0.20	0.15	0.050	0.15

Mechanical properties					
Coil nr:	Rm	Rp0.2	A50	Bending	
0839A		212	113	17.4	Y
1616809					
1616810					
Min.				.0	
Max.					
	Sample direction		Transversal		

Approved by
Dr. Szépvölgyi János
Quality manager

We hereby certify, that the material described above has been tested and complies with the terms of the confirmation of order.



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ARCONIC – KÖFÉM Kft.
GRP-BCI-KÖFÉM
Verseci u.1-15, 8000 Székesfehérvár,
Hungary



Tread-, Sheet-, Shate-, Strip material from aluminium and aluminium alloys

Inspection Certificate number (to which it belongs):

W17028681

Declaration of Performance numbers:

AK-DOP-01, AK-DOP-02

(See website: www.arconicdirect.com)

Tolerances on dimensions and shape:	Pass acc. to customer specification	Conform:
Tensile strength:	Pass acc. to Inspection Certificate	5754, H114
Yield strength:	Pass acc. to Inspection Certificate	
Elongation:	Pass acc. to Inspection Certificate	
Bendability:	NPD	

EN 15088

0036

Intended use: Structural products for construction works