

Certificate

Quality management system for Manufacturer of Materials acc. to Directive 2014/68/EU

Certificate no.: 01 202 173/Q-24 0269.00

Name and address of the
certificate holder: **Aluminium Duffel BV**
A. Stocletlaan 87
2570 Duffel
Belgium

Herewith we certify that the material manufacturer has established and applies a Quality Management System. The system was audited according to the European Directive 2014/68/EU, Annex I, point 4.3, with regard to the materials as listed in the scope of approval.

Test basis: **QM System acc. to EN 764-5, Clause 4.2 and AD 2000-Merkblatt W0**

Audit report no.: 01 202 173/Q-24 0269

Scope: **Plates, coils and ingots in aluminium and aluminium alloys, see annex to certificate: 01 202 173/Q-24 0269, revision 0 from 01.07.2024**

Manufacturing plant: see certificate holder

Validity: **This certificate is valid to 2027-03-14.**

Cologne, 2024-09-18

Ines Krüger-Führ

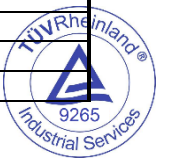


Scope:		<input checked="" type="checkbox"/> Directive 2014/68/EU Annex I point 4.3				<input type="checkbox"/> EN 764-4				<input type="checkbox"/> AD 2000-Merkblatt W 0				
Certificate holder (Manufacturer of materials)					Manufacturing plant				Nationality		Page No.:		1	
Company Name:		Aluminium Duffel			Adolf Stocletlaan 87				B		of :		3	
Location:		Adolf Stocletlaan 87 2570 Duffel / Belgium			2570 Duffel / Belgium						Date:		01.07.2024	
											Rev.:		0	
Cur -	Materials-term Materials-No.	Material Specification	Delivery Cond.	Article Type of Product	Dimensions				Weight max		Technical Specifications Requirements Technical Regulations	Remarks		
					Thick-ness mm		Ø mm		1=t / 2=kg					
					from	Up to	fro m	Up to	↓	res ult				
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10		
1. Materials according to harmonized European standards (hEN) and European Approval for Materials (EAM) acc. Directive 2014/68/EU														
The use of the materials according to Directive 2014/68/EU is bound to the publication of Harmonized European Standards or to the qualification by a European material approval or to the particular material appraisal. With that the manufacturing reliability for equivalent material grades according to other standards (e.g. BS, AFNOR, ASME) is proved. The requirements and limits of the applicable code respectively the PED must be observed for the use of material grades listed in column 2 to 4.														
01	EN AW-5083 (Al Mg4,5Mn0,7)	EN 485-2, EN 573-3	O	Strip, Sheet	3,0	6,3					EN 485-2, EN 573-3, EN 12392			
02	EN AW-6082 (Al Si1MgMn)	EN 485-2, EN 573-3	O	Strip, Sheet	1,5	3,0					EN 485-2, EN 573-3, EN 12392			
03	EN AW-3003 (Al Mn1Cu) EN AW-3003 (Al Mn1Cu)	EN 485-2, EN 573-3	O H12	Strip, Sheet Strip, Sheet	0,2 0,2	0,5 0,5					EN 485-2, EN 573-3, EN 12392			



Remarks	+AT = solution annealed	+NT = normalized and tempered	a = PMA for the use in pressure equipment in Directive 2014/68/EU necessary
	+AR = as rolled	+QT = quenched and tempered	
	+M = thermo mechanical treated	+S = soft annealed	
	+N = normalized or normalizing formed	+SR = stress relieved	

Scope:		<input type="checkbox"/> Directive 2014/68/EU Annex I point 4.3				<input type="checkbox"/> EN 764-4				<input checked="" type="checkbox"/> AD 2000-Merkblatt W 0				
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1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10		
2. Materials according to the AD 2000-Code														
The use of the materials according to DGR 2014/68/EU is bound to the publication of Harmonized European Standards or to the qualification by a European material approval or to the particular material appraisal. With that the manufacturing reliability for equivalent material grades according to other standards (e.g. BS, AFNOR, ASME) is proved. The requirements and limits of the applicable code respectively the PED must be observed for the use of material grades listed in column 2 to 4.														
01	EN AW-5754 (EN AW-AI Mg3)	EN 485-2, EN 573-3	O	Strip, Sheet	0,2	25					AD 2000 W6/1			
02	EN AW-5083 (Al Mg4,5Mn0,7)	EN 485-2, EN 573-3	O	Strip, Sheet	0,2	6,3					AD 2000 W6/1			



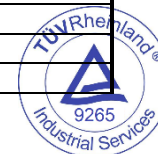
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1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10

3. Materials according to other standards

The use of the materials according to DGR 2014/68/EU is bound to the publication of Harmonized European Standards or to the qualification by a European material approval or to the particular material appraisal. With that the manufacturing reliability for equivalent material grades according to other standards (e.g. BS, AFNOR, ASME) is proved. The requirements and limits of the applicable code respectively the PED must be observed for the use of material grades listed in column 2 to 4.

01	Alloy 3003	ASME SB 209 *)	H14	Strip, Sheet	0,2	12					ASME SB 209	*) A particular material appraisal (PMA) is required for products specified according to ASME SB 209 or ASME SFA5.8
02	Alloy 3003 walzplattiert mit B-AISI7 (4004), single/double side	ASME SB 209 *) ASME SFA5.8 *)	H14	Strip, Sheet	1,0	2,5					ASME SB 209 ASME SFA5.8	*) A particular material appraisal (PMA) is required for products specified according to ASME SB 209 or ASME SFA5.8
03	EN AW-3003, walzplattiert mit B-AISI7 (4004), einseitig / beidseitig	VdTÜV 387	O	Strip, Sheet	0,2	12					VdTÜV 387	*) A particular material appraisal (PMA) is required for products specified according to VdTÜV 387



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