



COMPATIBILITY TABLE

SURFACE TREATMENT ARCHITECTURE & DESIGN

Aluminium alloy for anodic oxidation and colouring (extruded and rolled)

DECORATIVE ANODISATION	Brand name	CEN Code / EN AW/ CEN Code / EN AW/		Decorative Architecture & design
		AC DIN EN 573	AC Type	
Sheets and plates	pure Aluminium -99,5	1050A	Al99,5	very good
	Aleris 55HX®	5005	AlMg1	very good
	Novelis B57S	5005A	AlMg1	very good
	Hydro Norf FQ	5005	AlMg1	very good
	Peraluman-101	5005	AlMg1	very good
	Planoxal-50	5083	AlMg4.5Mn0.7	very good
	Peraluman-301	5754	AlMg3	very good
	Planoxal-60	6082	AlSi1MgMn	very good
Profiles	Extrudal 043	6060	AlMgSi	very good
	Anticorodal 053			
	Extrudal 050	6106	AlMGSiMn	very good
	Vitral 99.9	6401	AL99.9MgSi	very good



For decorative anodising layers (anodised decor, facade quality, etc.), please make absolutely sure to use «Eloxal quality for decorative anodising». Depending on the alloy, the appearance of the anodising layer (oxide layer) may change. For large objects, we highly recommend to use sheets made of the same alloy/coil. Cast alloys are suitable to only a limited extent for decorative anodisation.

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SURFACE TREATMENT ARCHITECTURE & DESIGN

TECHNICAL ANODISATION

Sheets and plates

Brand name	CEN Code / EN AW/ AC DIN EN 573	CEN Code / EN AW/ AC Type	Technical anodisation corrosion protection
Tempral	2039		bad
Peraluman-100	5005	AlMg1	good
Peraluman-460	5083	AlMg4,5Mn0,7	moderate
Alplan	5083	AlMg4.5Mn0.7	good
Fibril	5083	AlMg4.5Mn0.7	moderate
Fibraplan	5754	AlMg3	moderate
HABA Alu-35	5083	AlMg4.5Mn0.7	good
HABA Alu-28	5083	AlMg4.5Mn0.7	good
HABA G-Alu25	5083	AlMg4.5Mn0.7	moderate
HABA Planalu-G/N	5083	AlMg4.5Mn0.7	moderate
Fortal 5083	5083	AlMg4.5Mn0.7	moderate
Peraluman-260	5454	AlMg3Mn	moderate
Peraluman-300	5754	AlMg3	moderate
Fortal 5754	5754	AlMg3	moderate
Anticorodal-100	6082	AlMgSi1	good
Anticorodal-110	6082	AlMgSi1	moderate
Fortal 6082	6082	AlMgSi1	good
Contal	7010	AlZn6MgCu	bad
Unidal	7019	AlZn4Mg2Mn	moderate
Certal	7022	AlZn5Mg3Cu	moderate
HABA Alu-50	7022	AlZn5Mg3Cu	good
Alcast G/S	7035	AlZnMgCu	bad
Super-Perunal-249	7049A	AlZn8MgCu1,5	bad
Fortal	7075	AlZn5,5MgCu	moderate
Perunal-215	7075	AlZn5.5MgCu	bad
HABA Alu-7075	7075	AlZn5.5MgCu	moderate
Fortal 7075		AlZnMgCu1,5	moderate
Certal-SPC	7122	AlZn5Mg3Cu	bad
Fortal 7175	7175	AlZnMgCu	bad
Alumold 1-500		AlZnMg	bad
Alpase K100		AlZnMgSiCu	moderate
Alumec-79	7022	AlZnMgCu0,5	moderate

Profiles

Aluminium 99.7	AL99.7	1070A	very good
Anticorodal 062	6005A	AlSiMg	very good
Anticorodal 080 / 082	6061	AlMg1SiCu	very good
Anticorodal 100	6082	AlSi1MgMn	very good
Anticorodal 112	6082	AlSi1MgMn	good
Anticorodal 116	6082	AlSi1MgMn	good
KSB 114 (not standardised alloy)		AlMGSi1Cu	good
Anticorodal 041	6101B	E-AlMgSi0.5	bad