

# Anodising Material Properties

Series (AA)	Alloy Constituents	Material Properties	Coating Properties	Typical Uses	A.Q Types .....	Non A.Q Types
1 XXX	None	Soft Conductive	Clear Bright	Cans Architectural	None	1100 1175
2 XXX	Copper	Very Strong Hard Low Elongation	Yellow Poor Protection	Aircraft Mechanical	None	2011 2017 2219 2224
3 XXX	Manganese	Strong Small Grain	Grayish- Brown	Cans Architectural	None	3003 3004
4 XXX	Silicon	Strong Fluid	Dark Grey	ARCHITECTURAL LIGHTING	NONE	4043 4343
5 XXX	Magnesium	Strong Ductile	Clear Good Protection	CLEAR GOOD PROTECTION	ARCHITECTURAL WELDING WIRE LIGHTING	5005 5657
6 XXX	MAGNESIUM & SILICON	STRONG DUCTILE	CLEAR GOOD PROTECTION	ACRHITECTURAL STRUCTURAL	6063 6463	6061 6101
7 XXX	ZINC	VERY STRONG	CLEAR GOOD PROTECTION	AUTOMOTIVE	NONE	7029 7046 7075