



ANODIZING QUALITY (AQ)

AQ78® from Slim Aluminium is the perfect finish to meet the high demand of a great variety of markets and other technical demanding anodized products.

Features include:

- **Low weight, high strength**
- **Fire resistant to A1 standard**
- **Optimum shaping and bending**
- **100% indefinitely recyclability**
- **Non-toxic**

MARKETS

Strict production parameters guarantee a homogeneous surface stable for gloss and color uniformity.

ARCHITECTURAL



DECORATIVE



CONTAINERS



TRANSPORTATION



AQ78® is available in sheets and coils.

For product sales enquiries, contact us at **anodized@slimalu.com**.

AA 5005A - EN AW 5005A - AlMg1 - Temper H14 - acc. To EN 485-2 & 573-3

Chemical Composition (in weight - %)	Element	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others each	Others Total
	Min.					0.7					
	Max.	0.30	0.45	0.05	0.15	1.1	0.10	0.20	-	0.05	0.15

Physical Properties	Density (g/cm ³)	Elastic Modulus (GPa)	Shear Modulus (GPa)	Spec. Heat Capacity (J/(gK))	Melting Range (°C)
	2.70	69.5	26.1	0.899	635 - 655

Bendability	Thickness (mm)	Inner bending Radius at 90°	Inner bending Radius at 180°	Typical 90°	Typical 180°
	0.5 - 1.5	1 t	2.0 t	0	0.5
	1.5 - 3.0	1 t	2.5 t	0.5	1.0

Mechanical Properties	Rp0.2 (MPa)		Rm (MPa)		A50 (%)	
	Min.	Typical	Min. - Max.	Typical	Min.	Typical
	120	152	145 - 185	163	3	6

AVAILABLE PRODUCT RANGE*:

Thickness (mm)	0.5 - 3.0
Width (mm)	50 - 1500
Length (mm)	500 - 6000

*subject to specification

MANUFACTURING PROCESS

AQ78® from Slim Aluminium is **an anodising alloy which guarantee a quality anodized finished aluminium, for Batch Anodizing or Continuous Line Anodizing processes.**



CERTIFICATION, HEALTH, SAFETY, ENVIRONMENT & QUALITY



Member of CISQ Federation

