

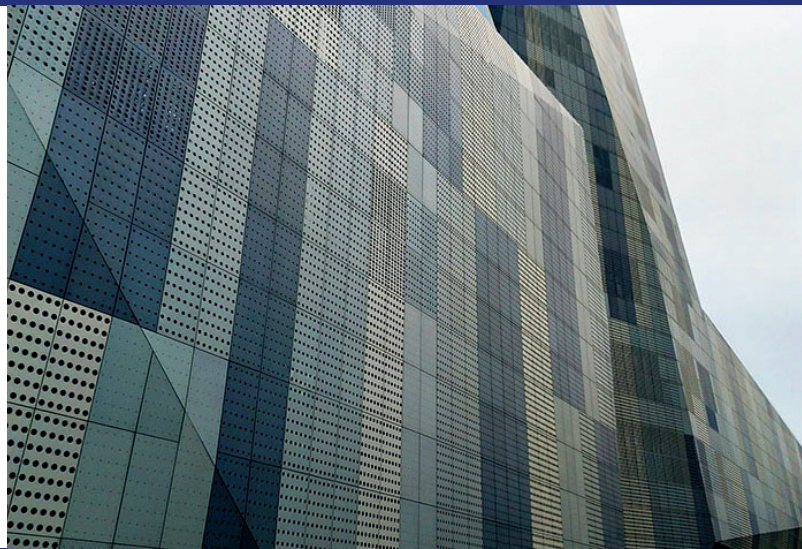


## ARCHITECTURE & BUILDING

Slim has years of experience in producing materials for the architectural and building industries.

From **pre-anodized facades**, through **door panels to decorative interiors**, we provide a range of alloys for painting, anodization (for continuous run and batch processing) forming, bending and shaping.

Our quality **AQ78®** is the ideal base for anodizing in both batch and continuous modes and is also the substrate for continuous anodised **CA78®** products.



## MARKETS

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

ANODIZING



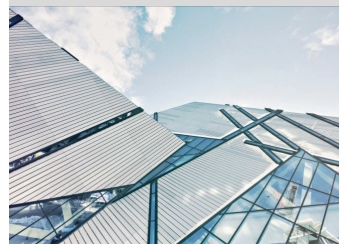
DECORATIVE



FACADES



ROOFING PANELS



**AQ78®** and **CA78®** are available in sheets and coils.

For product sales enquiries, contact us at [anodized@slimalu.com](mailto:anodized@slimalu.com).



EXCELLENCE IN ALUMINIUM

[www.slimalu.com](http://www.slimalu.com)

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

Chemical Composition (in weight - %)	Element	Sl	Fe	Cu	Mn	Mg	Cr	Zn	Tl	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/cm³)	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

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

\*subject to specification

## COLOUR RANGE - CA78 PRE-ANODIZED ALUMINIUM

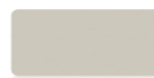
Bronze B10



Bronze B20



Bronze B30



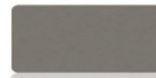
Bronze B40



Bronze B50



Bronze B60



Bronze B70



Bronze B80



Grey



Gold G10



Gold G20



Gold G30



Gold G40



Natural



## CERTIFICATION, HEALTH, SAFETY, ENVIRONMENT & QUALITY

