



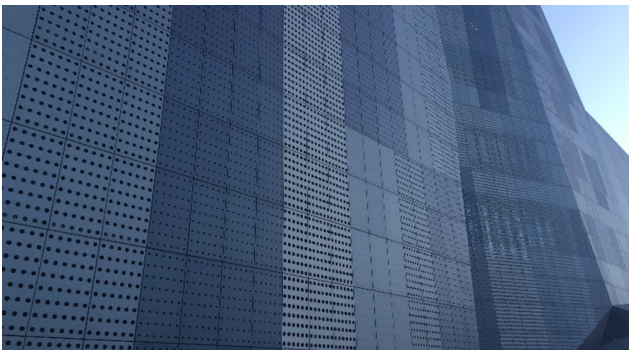
CA78
SLIM ALUMINIUM

PRE-ANODIZED ALUMINIUM

CA78® from Slim Aluminium is the premium material to meet the high demand of the **construction and architectural markets**, as well as other technical applications.

Features include:

- Low weight, high strength
- Fire resistant to A1 standard
- Weather & UV Resistant
- Easily cleanable
- Optimum shaping and bending
- 100% indefinitely recyclability
- Non-toxic
- Long-lasting surface
- Wide range of colours available



CA78® is available in sheets and coils.

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

TECHNICAL DATA

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	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/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

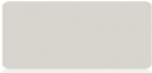
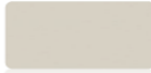
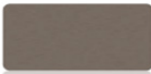
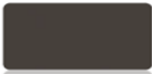
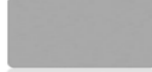
Mechanical Properties	Rp0.2 (MPa)		Rm (MPa)		A50 (%)	
	Min.	Typical	Min. - Max.	Typical	Min.	Typical
	120	152	145 - 185	163	3	6

AVAILABLE PRODUCT RANGE*:

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

*subject to specification

COLOUR RANGE

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



Member of CISQ Federation
RINA
 ISO 9001:2008
 Certified Quality System

