

ALUMINIUM COMPOSITE MATERIALS - ACM



M-Bond ACM is a lightweight aluminium composite material made for professional signage, display, branding and light cladding applications. The panel construction combines aluminium cover sheets with a low density polyethylene core, giving users a flat, rigid and easy to process sheet for everyday commercial projects.

The smooth surface makes M-Bond ACM suitable for applied vinyl graphics, flatbed digital printing on selected grades, cut-out lettering, routed detail, display panels and decorative finishes. It offers a practical solution where a neat finish, good rigidity and easy handling are required.

APPLICATIONS INCLUDE:

Interior and exterior signage, shopfront fascias, advertising boards, lightboxes, POP/POS displays, exhibition stands, showroom displays, kiosks, partition panels, ceiling panels, wall cladding, branded feature panels, cut-out lettering and digital printed panels.

FABRICATION AND PROCESSING:

M-Bond ACM can be cut, drilled, routed, grooved, folded, punched, fastened, glued and printed, depending on the grade selected and the application requirements. For formed panels, folded returns or more demanding fabrication, the aluminium skin thickness should be considered during product selection.

Note: Fabrication suitability should always be tested for the intended application. Forming and bending are generally better suited to panels with a 0.30mm aluminium skin thickness.

M-BOND
Aluminium Composite Panel

maizey
FAMILY COMPANY. FAMILY VALUES est. 1950

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COMMERCIAL GRAPHICS SOLUTIONS

The M-Bond ACM range is available in selected signage and display grades to suit different project requirements. Choose from printable white panels for branded graphics, standard colour panels for signage and cladding, and mirror finishes for decorative or premium display applications.



M-BOND FABRICATION GRADE ACM PANELS

3mm panel | 0.21mm and 0.3mm aluminium skin

A practical signage grade for everyday panels, displays, general branding, wall features and shopfront applications.

M-BOND DIGITAL PRINTABLE GRADE ACM PANELS

3mm panel | 0.12mm and 0.3mm aluminium skin

Digital Printable Grade ACM ideal for flatbed print, applied graphics, promotional signs, display panels and short to medium term signage.

M-BOND MIRROR ACM PANELS

3mm panel | 0.30mm aluminium skin

Suitable for indoor applications such as premium decorative displays, interior accents, retail features and high-impact signage details.

QUICK REFERENCE GUIDE:

FABRICATION GRADE ACM - 3MM	SKIN THICKNESS (mm)			SHEET SIZE (mm)		APPLICATION		RAL
	0.12	0.21	0.30	3000 x 1220	3050 x 1500	INDOOR	OUTDOOR	
Anthracite Grey Gloss/Matt		●	●		●	●	●	7016
Black Gloss/Matt		●	●		●	●	●	9005
Blue Gloss/Matt		●	●		●	●	●	5002
Brushed Silver/Primer		●	●		●	●		
Brushed Silver/Primer PVDF			●		●		●	
Old Mutual Green/Matt White			●		●	●	●	
Red Gloss/Matt		●	●		●	●	●	3020
Silver/Primer PVDF			●		●	●	●	9006
White Gloss/Matt		●	●		●	●	●	
White Gloss/Matt PE1	●			●		●	●	
White Matt/Silver Metallic		●	●		●	●	●	
Yellow Gloss/Matt		●	●		●	●	●	1003

DIGITAL PRINTABLE GRADE ACM	PANEL	SKIN THICKNESS (mm)		SHEET SIZE (mm)		APPLICATION	
		0.12	0.30	2440 x 1220	3050 x 1500	INDOOR	OUTDOOR
White/Mill	2mm	●		●		●	●
White/Primer	3mm	●	●	●	●	●	●

MIRROR ACM	PANEL	SKIN THICKNESS (mm)	SHEET SIZE (mm)	APPLICATION	
		0.30	3050 x 1220	INDOOR	OUTDOOR
Anthracite Mirror/Primer	3mm	●	●	●	
Gold Mirror/Primer	3mm	●	●	●	
Silver Mirror/Primer	3mm	●	●	●	

COLOUR VARIANCE MAY OCCUR BETWEEN BATCHES. USE SAME BATCH NUMBERS FOR ADJACENT INSTALLATIONS.