



TECHNICAL DATA SHEET

Aluminium Composite Material (ACM)

SIGNAGE GRADE

Aluminium Composite Panel

Using a specially developed Polyester paint, Signbond® Aluminium Composite comes with a high glossy surface. The Aluminium Sheets on our 3mm panel are .2mm thick which makes for an extremely flat, flawless and light weight panel. Signbond® Aluminium Composite provides a perfect surface for screenprinting, spray painting or applying vinyl adhesive.

Raw Materials

- Basic aluminium: high-strength aluminium alloy.
- Plastic core: no-toxic low density polyethylene.
- Surface coating: Polyester.

Product Specifications

- Thickness: 2mm, 3mm, 4mm.
- Width: 1220mm, 1500mm, 2000mm.
- Panel length: up to 5800mm, Recommended: 2440mm, 3050mm, 3660mm, 4000mm.
- Aluminium thickness: 0.18mm-0.5mm, depending on overall thickness and sheet size.

Method of Processing and Construction

- Method of processing: blade cutting, edge plane, CNC cutting & moulding, drilling, punching, arc rolling or arc pressing, grooving & flanging.
- Method of construction: bonding, chucking, riveting or bolting by Aluminium sections.



Signbond® Signage Grade Panel Weather-resist Parameter

Time	Colour Variation	Chalking
	ECCA/T3 ASTMD-2244-89	ASTMD-659-86
		Index I - 10
5 year	3	8
7 year	3	7
10 year	4	7

E3 = Very Good E4 = Good E5 = Satisfactory
 Index 10 = No Chalking Index 1 = Strong Chalking

Please Note: The above Technical Data Sheet is a general guide to the physical properties of the material. This information is given without Warranty or Liability. It is the customers responsibility to determine if this product is suitable for the application.