



Aluminium Composite Panel

ACP are flat sheets that consist of a Polyethylene core bonded between two sheets of Aluminium Foil with a polyester surface treatment suitable for digital and screen printing. ACP is very rigid, strong and lightweight. The Aluminium foils can be produced in a wide range of painted finishes and colours as well as Metallic and Brushed. The decorated surface can be coated in a FEVE Gloss finish for external applications and a Gloss or Matt Polyester finish for internal use. ACP is ideally suited for signage and printing applications.

ACP is stocked in large combination of sheets sizes, gauges and colours to meet the needs of this diverse industry. Because of its superior performance in rub-resistance, acid-resistance and alkali-resistance, it is widely used as modern building cladding and for interior design. ACP aluminium surface has a polyester or PVDF paint finish which makes it ideal for use as a sign board.

Key Benefits:

Lightweight, High strength, Weather & UV resistant
Easy maintenance & installation, Easily processed to designers specifications
Outstanding colour & gloss retention, Environmentally friendly
Dimensionally stable - will not expand/shrink

Applications:

Point of Sale, Signage, Advertising fascia

Property	Unit	Test Method	Value
Weight per sqm 2mm/3mm/4mm	KG	-	2.8/3.8/4.75
Thermal Expansion	Mm/m @ 100°C variance	-	2.4
Modulus of elasticity in tension	MPa	-	2400
Impact strength	Kg/cm ²	-	50
Service temperatures	°c	-	-50°C to +90°C
Water absorption by volume	%	-	0.01
Fire Performance	-	-	Class 1 (BS476 Pt7) & Class 0 (BS476 pt6&7)

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