



ALUPANEL LITE

aluminium composite panel

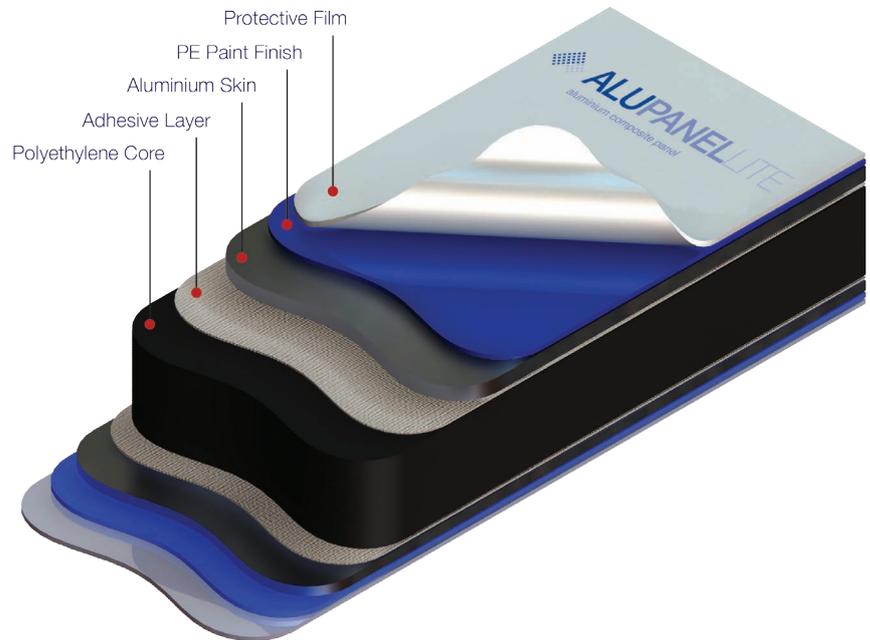
Product Information

Introduction

Alupanel Lite is a reduced weight sheet derived from a 0.2mm thick aluminium surface on both sides and featuring our superior polyethylene core.

Alupanel Lite is a dual-sided product with a high gloss finish on one-side, the same PE paint finish as used on the premium Alupanel sheet, and a matt finish on the reverse.

Specifically designed for applications where a high load-bearing capacity is not required, Alupanel Lite offers a reduced weight, economical option for a variety of applications.



Applications

- + Digital Printing
- + Screen Printing
- + Sign Making
- + POS Displays
- + Retail Design
- + Exhibition Design
- + Outdoor Advertising

Why use ALUPANEL LITE?

- + Lightweight panel
- + UV resistant for outdoor use
- + Flat, smooth, uniform surface
- + For screen and digital print
- + Will accept vinyl lamination
- + Clean, easy peel film
- + Economical product option





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Property	Standard Index	Units	Value / Thickness		
			2mm	3mm	4mm
Physical					
Aluminium Thickness		mm	0.2		
Face Finish		-	High Gloss / Matt		
Weight		kg/m ²	2.59	3.5	
Core Composition		-	LDPE		
Thickness Tolerance		mm	- 0 +0.2mm		
Aluminium Thickness Tolerance		-	As specified in EN485-4		
Mechanical					
Surface Pencil Hardness	> HB		2H		
Paint Thickness		micron	20		
Toughness of Coating			3T		
Peel Strength	180°	N/mm	> 5		
Tensile Strength of Aluminium Layers		MPa	149		
Thermal					
Temperature Resistance		°C	-50 to +80		
Thermal Expansion		mm/m°C	0.024		
Thermal Resistance	R	m ² K/W	0.0057		
Chemical Resistance					
Boiling Water Resistance	2 Hours		No Change		
Hydrochloric Acid Resistance	24Hr @ 2% HC1		No Change		
Oil Resistance	24Hr @ 2% Engine Oil		No Change		
Solvent Resistance	100 x Dimethylbenzene		No Change		

Flammability	
Standard	Classification
BS476 Part 7	Class 1

Sheet Sizes and Tolerances			
Width	Tol	Length	Tol
1000	± 2mm	2440 / 3050 / 4050	± 3mm
1220		2440	
1250		2500	
1500		3050 / 4050	



Guarantee

Alupanel Lite comes with a 5 year guarantee. Special request finishes hold an interior guarantee only.

Call +44 (0) 1392 823015

for more information or to contact your local sales manager or distributor.