



MULTIPANELUK LTD

# A multitude of applications



Level 3

Experience TV

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BBC

THE BREWERY QUARTERS CHELTENHAM  
the new place to be  
**100,000 sqft of new retail**  
34 town centre apartments  
104 bed hotel





# The only manufacturer of ACP in the UK

Our product range offers incredible versatility and quality

Here are just some of the application and fabrication possibilities of our Alupanel substrates:

- ✓ Signage
- ✓ Digital Printing
- ✓ Retail (POS/POP)
- ✓ Architecture
- ✓ Exhibition Design
- ✓ 3D Lettering
- ✓ Screen Printing
- ✓ Hoarding
- ✓ Road Signs
- ✓ Lightweight Hanging Signs
- ✓ Art/Creative Work
- ✓ Outdoor Advertising
- ✓ Vinyl Application
- ✓ Partitions
- ✓ Transport
- ✓ Wayfinding
- ✓ Cladding
- ✓ Tunnel Lining
- ✓ Interior Design
- ✓ Furniture

✓ Largest global stockholder of ACP

✓ Worldwide delivery

✓ Shipped within 48 hrs of ordering

✓ 24/7 factory operation

## British-made quality

Est. in 2004, Multipanel UK brought ACP manufacturing home to Britain in 2014. Our UK factory uses the most advanced manufacturing and logistics technology in the industry to produce our Alupanel products.

Here in Dover we have capacity to produce 6,500,000 m<sup>2</sup> per year of rigid sheet materials. Our British engineering approach allows us to achieve the best price vs quality ratio in the market.

## Product Development

Thanks to our continuous research and development – and listening to our customers’ needs – we have grown the Multipanel UK product range considerably since 2014.

To complement our renowned brands such as Alupanel® and A-Lite®, we added 3 new products to our portfolio in 2016, and a further 4 in 2017. We now offer 13 products to the Sign, Display and Architectural industries, with more innovations in the pipeline.

## Growth & Investment

In 2016, a £2.2m investment increased the performance of our UK factory & the stockholding capacity of our distribution centre by 50%.

We are dedicating further capital to launch a second production line here in Dover, increasing our annual production capacity by 2,500,000 m<sup>2</sup>. We’ve also welcomed many new colleagues in key positions to Multipanel, adding yet more knowledge and talent to the business as we continue to grow.

## Global Distribution

Located just 10 minutes from the Port of Dover, and 45 minutes from mainland Europe – we use a global network of well-established road, sea and air freight services to deliver our Multipanel UK products to distributors in over 60 countries on 5 continents.

We speak 15 languages here in our UK offices, helping us to offer the best service possible to our international clients. Our production line is paired with a highly efficient mobile racking system and logistics process, allowing us to dispatch orders quickly and accurately for all of our customers.



**MADE IN BRITAIN**



# What is Alupanel?

UK Manufactured Aluminium Composite Panel



## Aluminium Skin

0.3mm A5005 Alloy high grade aluminium offering better performance, improved rigidity and excellent processing characteristics for easier cutting, bending, etc.

## Core

High quality PE core.

## Adhesive

Co-extruded to give superior adhesion.

## Paint Finish

Available in a wide range of colours and finishes, painted Alupanel is a dual sided sheet with one side in high gloss and the reverse in a matt finish.

## Protective Film

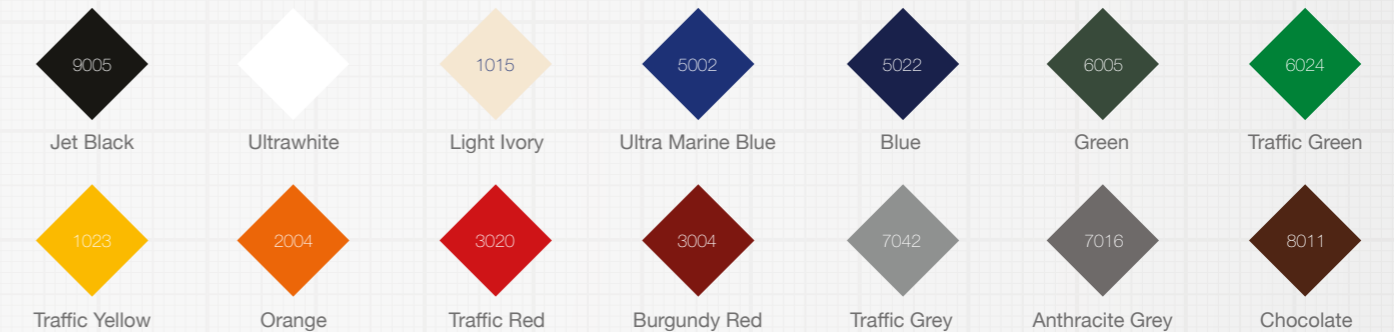
Designed to protect the panel during storage, transit and installation.

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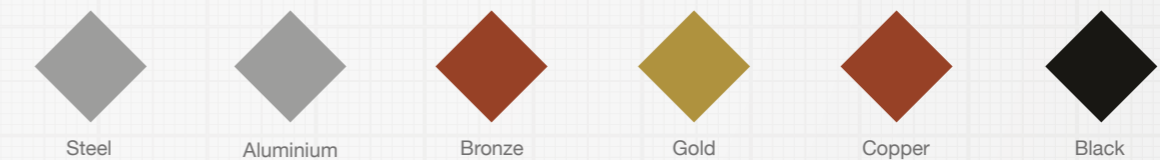
# Colours & Finishes

Available across many of our products

## GLOSS / MATT



## BRUSHED



## METAL



## Benefits of Alupanel

Manufactured in Britain • Advanced production technology • Global shipping • Distributors in 60 countries • Exceptional standards of quality

## Frequently Asked Questions:

### What is ACP or ACM?

ACP (Aluminium composite Panel) also known as ACM (Aluminium Composite Material) is a sandwich panel of two aluminium skins bonded to an extruded core of either Polyethylene or mineral core. We also manufacture Multishield that has magnetically receptive galvanised steel skins.

### What colour range is available?

Alupanel has a standard colour range of 22 colours available from stock, gloss on one side and matt on the other and we hold 14 stock colours for Alupanel XT. Subject to MOQ, bespoke finishes are available through our colour-match service.

### What material is used for the core?

The Alupanel range generally has a core made from Polyethylene for its proven exterior and interior weather resistance properties and its contribution to the strength, flexibility and stability of the panel. FR and A2 panels have fire-resistant and non-combustible cores respectively to satisfy the requirements of improved fire classification.

### What is the skin thickness available?

Standard skin thickness for fabrication grade Alupanel is 0.3mm, Lite products for flat application are 0.2mm and Eco, for short-term projects, are 0.15. Architectural Alupanel XT has a 0.5mm skin.

### What type of paint is used for the surface coating?

Alupanel has specialised coatings according to the recommended use for each product. Sign and display panels have Polyester or Polyurethane paint, some with specially developed digital coatings to enhance print results, whilst architectural panels are available with a choice of paint systems including PVDF, FEVE and HDP.

### Is Alupanel easy to cut?

Alupanel can be cut on site using standard carpentry tools. Fabrication-grade panels can be folded and formed by using a router or V-groove blade. ACP is not suitable for laser cutting.

### What is the warranty?

Products within our range offer warranties ranging from 1 to 20 years. For more information regarding warranty durations for each individual product, please turn to page 13.

### What is the reaction to fire classification?

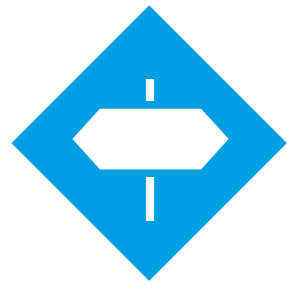
Tested in accordance with EN13501-1, panels with a PE core are class D, FR core is class B and A2 core is class A2. Our panels are also tested to other international standards, please check with your Sales Manager for specific enquiries.

### Why are there arrows on the protective film?

Some finishes are directional and must therefore be mounted in the same direction to avoid differences in reflectional qualities. The arrows on the film are to help ensure a uniform direction is easily identifiable.

### Where can I buy Alupanel products?

Multipanel UK work with approved distributors in over 60 countries worldwide. To enquire about becoming a distributor, or to find a local stockist, please contact us.



# Sign & Display Solutions

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*"We have been using the Alupanel® products for some time now, and as time goes on we continually find new uses for the product. From a simple mounted image to a more complex crease and fold application, we have come to rely on Alupanel® as a staple substrate in our operation. It is lightweight, yet strong, is printable, has the ability to be fabricated, and has a variety of finishes – all of which allows us to release our creative forces – the possibilities seem endless!"*

Susan Otterson, ABL Imaging



Fabricate,  
fold and  
form

2050  
WIDTH

5005  
AlMg1  
ALUMINIUM



Combining  
durability with  
flexibility



Lightweight,  
for flat  
applications

## ALUPANEL

Available in a wide range of colours and finishes, Alupanel is a dual-sided sheet with the ability to be fabricated, folded and formed.

[For more information click here](#)

## ALUPANELSMART

Based on Alupanel but made using thinner 0.26mm Aluminium skins, an economical choice for fabrication combining durability with flexibility.

[For more information click here](#)

## ALUPANELLITE

An economical, dual-sided, reduced weight sheet designed for flat applications where a high load-bearing capacity is not required.

[For more information click here](#)

*“We have used Alupanel® as our choice aluminium composite panel for a wide range of projects over a number of years due to its double-sided, high-quality, extra smooth print surface – making direct prints cost and time-effective. It’s easy-peel protective film doesn’t leave any marks on the print surface, and Alupanel® is the only ACP manufactured in the UK”*

David Bowen, Bigger Printing Co.

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Specially developed Signal White finish

Now available with a White Core

2050 WIDTH

5005 AlMg1 ALUMINIUM

Brilliant white PVC

### ALUPANEL A-LITE

The flat, smooth, digital surface with vastly improved ink adhesion helps to display printed colours with increased brightness and intensity. A-Lite offers a digital Matt/Matt finish and the option of a White Core which is great for exposed edges.

[For more information click here](#)

### EUROFOAM

EuroFoam PVC is a lightweight, brilliant white panel with a hard, flat, smooth surface. It offers excellent UV stability for optimum print clarity and colour reproduction.

[For more information click here](#)



*“Multipanel UK is a competent and reliable partner for us. The product quality is on a high level and comparable with the competitive products on the market at any time. The service is excellent and the agreements and delivery dates are respected. The newly added coatings and core choices that have recently been introduced are a sensible addition to the already large product portfolio.”*

German Distributor of Alupanel



Strong and durable galvanised steel

Digital coating also available

## MULTISHIELD

A double-sided composite panel offering greater strength and rigidity, with the option of a digital coating on one side and a whiteboard finish on the other or with a digital coating on both sides. It has the added benefit of being receptive to magnetic media.

[For more information click here](#)

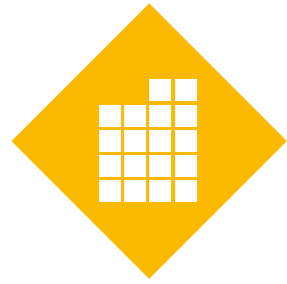


Incredibly flat, smooth finish

## ALUPANEL ECO

AlupanelEco aluminium composite panels (ACP) are a highly efficient, economic solution for all flat applications.

[For more information click here](#)



# Architectural Solutions

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Now focused on servicing your specific project requirements, our revised production conditions for Architectural products mean that our range of standard finishes will now be made to order to ensure we can supply the required quantity and finish in the appropriate formats. To meet the demands of corporate ID projects and other bespoke finishes we also have an unlimited range of specialised finishes as well as a colour match service.



Extremely durable, easily fabricated

## ALUPANELXT

Providing near unlimited design and colour options for architectural applications. Easily fabricated and available with a PE or Fire Resistant core.

[For more information click here](#)



Fire Resistant (B1) core

## ALUPANELXTFR

Alupanel XT FR can be easily fabricated and provides near unlimited design and colour options for architectural applications.

[For more information click here](#)



Non-combustible (A2) core

## ALUPANELXTA2

An extremely durable non-combustible architectural grade ACM panel that can be fabricated, folded and formed.

[For more information click here](#)

# Product Features

## UK Manufactured Aluminium Composite Panel



		Skin thickness (mm)	Panel thickness (mm)	
Fabrication grade	<b>ALUPANEL</b> aluminium composite panel	0.3	2, 3, 4, 6, 8	5 year warranty* 22 stock colours Gloss/matt
	<b>ALUPANELSMART</b> aluminium composite panel	0.26	2, 3, 4, 6	3 year warranty* 22 stock colors Gloss/matt
Flat applications	<b>ALUPANELLITE</b> aluminium composite panel	0.2	2, 3, 4	2 year warranty* 22 stock colors Gloss/matt
Digital print	<b>ALUPANELA-LITE</b> aluminium composite panel	0.2	2, 3, 4, 6	2 year warranty* Easy peel film Matt/matt
	<b>A-LITE WHITE CORE</b> aluminium composite panel	0.2	2, 3, 4	2 year warranty Easy peel film Matt/matt with white core
Temporary/ Short term projects	<b>ALUPANELECO</b> aluminium composite panel	0.15	2, 3	1 year warranty White 9016 Economical
Print grade PVC	<b>EUROFOAM</b> freefoam PVC sheets	n/a	1, 2, 3, 4, 5, 6, 8, 10, 13, 19	Brilliant white Great for printing 100% recyclable
Galvanised steel composite	<b>MULTISHIELD</b> galvanised steel composite sheets	0.25	3, 6	5 year warranty** Magnetically receptive Digital or whiteboard finish



		Skin thickness (mm)	Panel thickness (mm)	
Architectural grade ACP	<b>ALUPANELXT</b> architectural aluminium composite material	0.5	4	Up to 20 year warranty Specialist finishes Readily fabricated
Architectural grade ACP with FR core	<b>ALUPANELXTFR</b> architectural aluminium composite material	0.5	4	Up to 20 year warranty Specialist finishes Class B
Architectural grade ACP with A2 core	<b>ALUPANELXTA2</b> architectural acm with a non-combustible core	0.5	4	Up to 20 year warranty Specialist finishes Class A2

\*Brushed Aluminium has a 5 year warranty for external as well as internal use. All other brushed and mirror finishes are guaranteed for interior use only.

\*\*The product is suitable for interior and exterior use but any cut/exposed edges must be treated and protected in order to prevent oxidation when exposed to weathering.

# Weight vs Rigidity

## Alupanel is light!

To achieve the same rigidity as our 3mm Alupanel substrate, other materials shown below would be either heavier or thicker, and in some instances both.

Thickness	Sheet Material	Weight
3mm	<b>ALUPANEL</b>	3.8kg/m <sup>2</sup>
11.1mm	Foamed PVC	5.6kg/m <sup>2</sup>
2.4mm	Aluminium	6.5kg/m <sup>2</sup>
6.8mm	Acrylic	8.2kg/m <sup>2</sup>
1.7mm	Steel	13.3kg/m <sup>2</sup>





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 **MULTIPANELUK**<sup>LTD</sup>

a multitude of applications

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local Sales Manager or Distributor

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[www.multipaneluk.co.uk](http://www.multipaneluk.co.uk)

