



MULTIPANELUK<sup>LTD</sup>

# A multitude of applications



Experience TV

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Heritage  
LOTTERY FUNDED

BBC



THE BREWERY QUARTER  
CHELTENHAM





# 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



# The only manufacturer of ACM in the UK

✓ Largest global stockholder of ACP

✓ Worldwide delivery

✓ Shipped within 48 hours of ordering

✓ 24/7 factory operation

## British-made quality

Established 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 10,000,000 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 dedicated 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.

DOVER

 **MADE IN BRITAIN**



# What is Alupanel?

UK Manufactured Aluminium Composite Panel

## Aluminium Skin

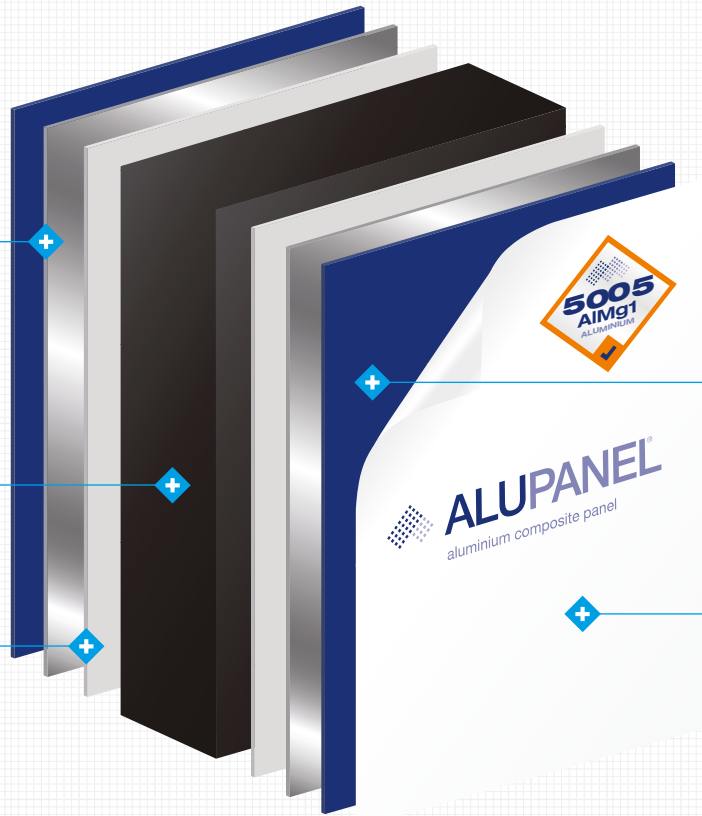
0.3mm A5005  
Alloy high grade aluminium offering better performance, improved rigidity and excellent processing characteristics for easier cutting, bending, etc.

## 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

**MADE IN BRITAIN**

Benefits of Alupanel

Manufactured in Britain

Advanced production technology

## 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 panels have a fire-resistant core to satisfy the requirements of improved fire classification.

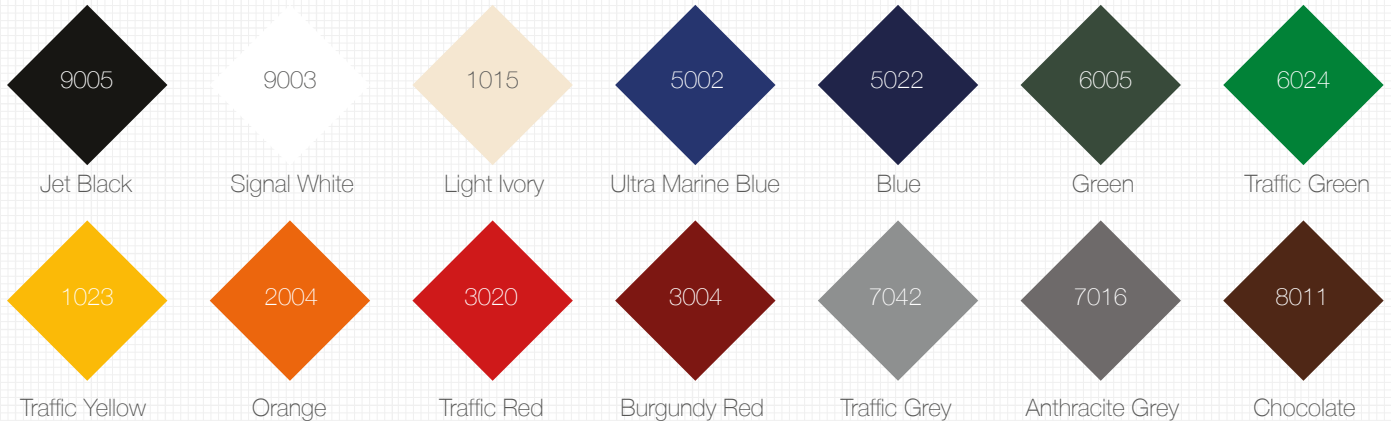
### What is the skin thickness available?

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.

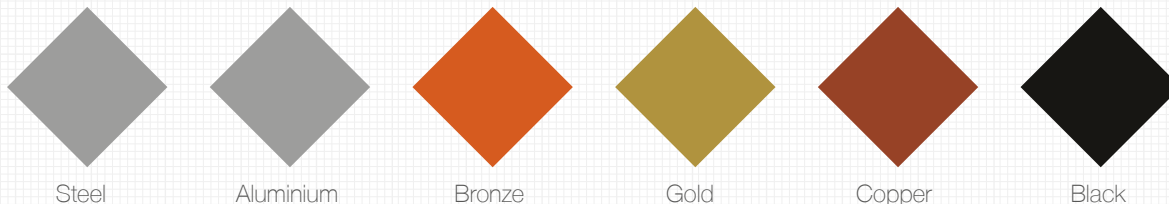
# Colours & Finishes

Available across many of our products

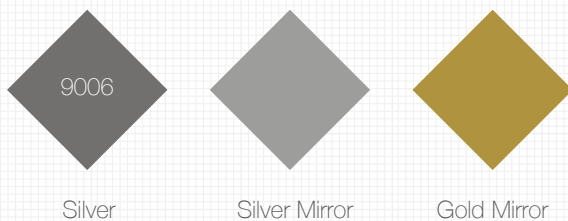
## GLOSS / MATT



## BRUSHED



## METAL



Global shipping • Distributors in 60 countries • Exceptional standards of quality

### 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?

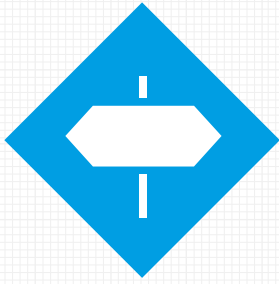
Tested in accordance with EN13501-1, panels with a PE core are class D, FR core is class B. Our panels are also tested to other international standards, please check with your Sales Manager for specific enquiries.

### 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

 **MADE IN BRITAIN**<sup>®</sup>



**Fabricate,  
fold &  
form**

**2050mm  
width**

NOW  
MANUFACTURED  
WITH  
**5005**  
AlMg1  
ALUMINIUM

 **ALUPANEL**<sup>®</sup>  
aluminium composite panel

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](#)

“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”



Combining  
durability with  
flexibility

## ALUPANELSMART

aluminium composite panel

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](#)



Lightweight,  
for flat  
applications

## ALUPANELLITE®

aluminium composite panel

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.



Specially developed  
Signal White  
finish

2050mm  
width

NOW  
MANUFACTURED  
WITH  
**5005**  
AlMg1  
ALUMINIUM

## ALUPANELA-LITE

aluminium composite panel

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 plus the option of a fire resistant core.

[For more information click here](#)





Sign & Display  
Solutions

**MADE IN BRITAIN**<sup>®</sup>



Incredibly  
flat, smooth  
finish

 **ALUPANEL<sup>®</sup>ECO**  
aluminium composite panel

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

[For more information click here](#)



Sign & Display  
Solutions

**MADE IN BRITAIN**<sup>®</sup>



**Strong  
and durable  
galvanised  
steel**

**Digital  
coating also  
available**



**MULTISHIELD**

galvanised steel composite sheets

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](#)



Call +44 (0) 1392 823015 • [www.multipaneluk.co.uk](http://www.multipaneluk.co.uk)

"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

# FIRE RESISTANT PANELS



REVOLUTIONARY  
FIRE RESISTANT  
CORE MATERIAL

Lightweight

Easy to  
machine

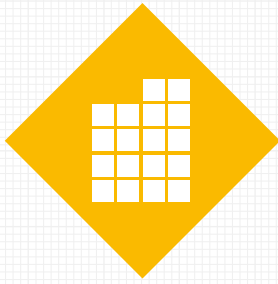
 **A-LITEFR**  
aluminium composite panel

 **ALUPANEL<sup>®</sup>FR**  
aluminium composite panel

To satisfy the demands of an ever-changing market, we have developed a revolutionary new core material that results in fire resistant panels that are significantly lighter than other fire resistant panels, helping to make them easier to handle, transport and install. Used to produce A-LITE FR and ALUPANEL FR with a class B fire rating makes them ideal for use in environments where improved fire classification is required.

[For more information click here](#)

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# Architectural Solutions

 **MADE IN BRITAIN**<sup>®</sup>



Extremely  
durable,  
easily  
fabricated



**ALUPANELXTFRHP**

high performance architectural aluminium composite material

Revolutionary core material provides a lighter than average fire resistant panel that machines extremely well and is easier to handle and install.

[For more information click here](#)

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.



Lightweight  
Fire resistant  
core

# Product features

## UK Manufactured Aluminium Composite Panel



### Sign & Display Solutions

		Skin thickness (mm)	Panel thickness (mm)	
Fabrication grade	 <b>ALUPANEL</b> aluminium composite panel	0.3	2, 3, 4, 6	5 year warranty* 22 stock colours Gloss/matt
	 <b>ALUPANEL SMART</b> aluminium composite panel	0.26	2, 3, 4, 6	3 year warranty* 22 stock colours Gloss/matt
Flat applications	 <b>ALUPANEL LITE</b> aluminium composite panel	0.20	2, 3, 4	2 year warranty* 22 stock colours Gloss/matt
Digital Print	 <b>ALUPANEL A-LITE</b> aluminium composite panel	0.20	2, 3, 4, 6	2 year warranty* Easy peel film Matt/matt
Temporary/ Short term projects	 <b>ALUPANEL ECO</b> aluminium composite panel	0.15	2, 3	1 year warranty White 9016 Economical
Galvanised steel composite	 <b>MULTISHIELD</b> galvanised steel composite sheets	0.25	3, 6	5 year warranty** Magnetically receptive Digital or whiteboard finish



### Architectural Solutions

Architectural grade ACP with FR core	 <b>ALUPANEL XTFRHP</b> high performance architectural aluminium composite material	0.50	4	Up to 20 year warranty Revolutionary core Class B
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\*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 (mm)	Sheet Material	Weight (kg/m <sup>2</sup> )
3	ALUPANEL®	3.8
11.1	Foamed PVC	5.6
2.4	Aluminium	6.5
6.8	Acrylic	8.2
1.7	Steel	13.3

Images provided courtesy of; EFI, Roland DG, Canon, The Bigger Printing Co., EFS, Core Motorsports, Owen Sign Craft, ABL Imaging and Sign Supplies Malta.



**MADE IN BRITAIN**

 **MULTIPANELUK<sup>LT</sup>**  
a multitude of applications

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For more information or to contact your  
local Sales Manager or Distributor

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

