

 **MULTIPANELUK**^{LTD}

A multitude of applications





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 ACM

✓ Worldwide delivery

✓ Shipped within 48 hours of ordering

✓ 24/7 factory operation

British-made quality

Established in 2004, Multipanel UK brought ACM 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 m² 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 stock-holding capacity of our distribution center by 50%.

We dedicated further capital to launch a second production line here in Dover, increasing our annual production capacity by 2,500,000 m². 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 Aluminum Composite Panel

Aluminum Skin

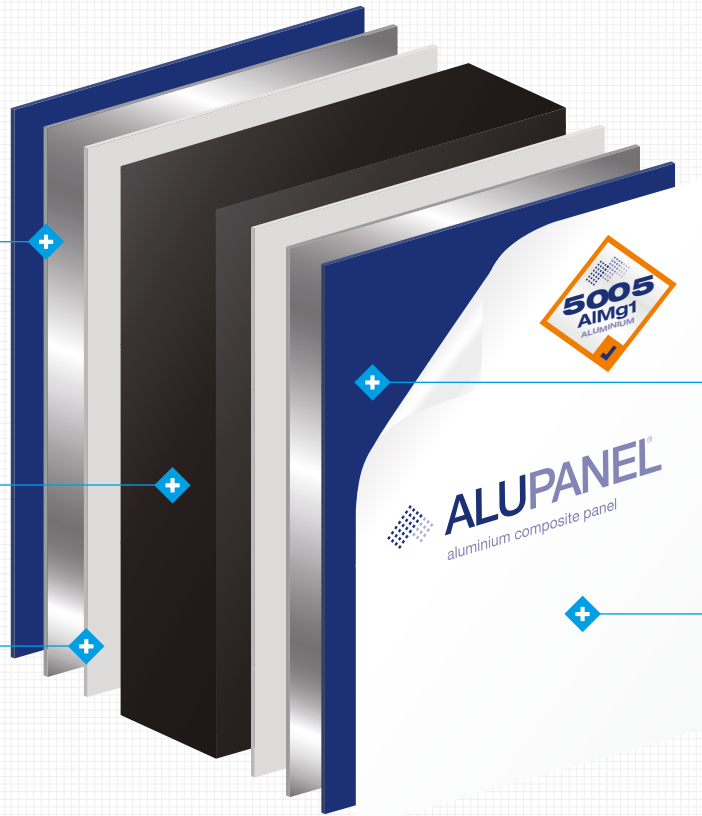
0.30mm (.012") A5005 Alloy high grade aluminum offering better performance, improved rigidity and excellent processing characteristics for easier cutting, bending, etc.

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

What color range is available?

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

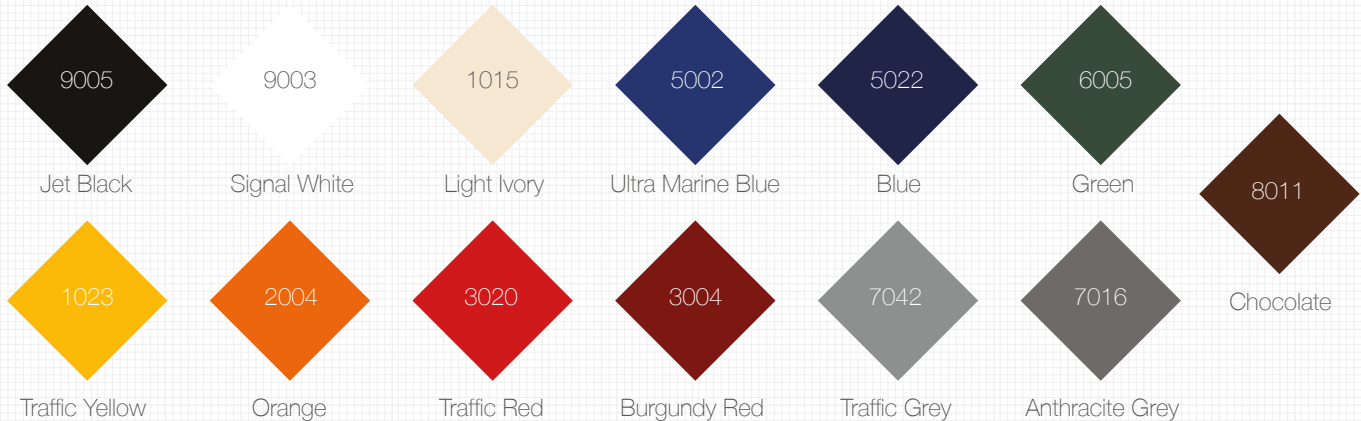
What is the skin thickness available?

Standard skin thickness for fabrication grade Alupanel is 0.3mm, Lite products for flat application are .18mm and Eco, for short-term projects, are 0.15. Architectural Alupanel XT has a 0.5mm skin.

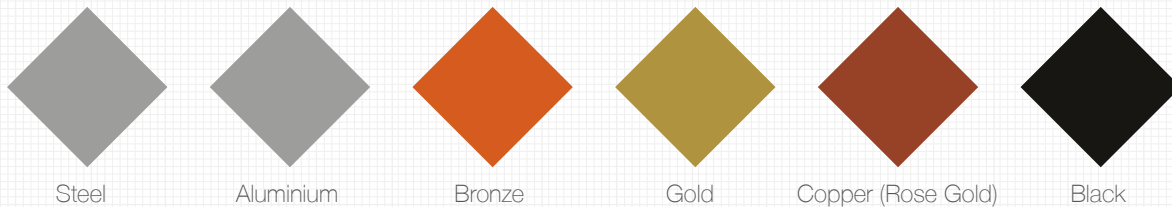
Colors & Finishes

Available across many of our products

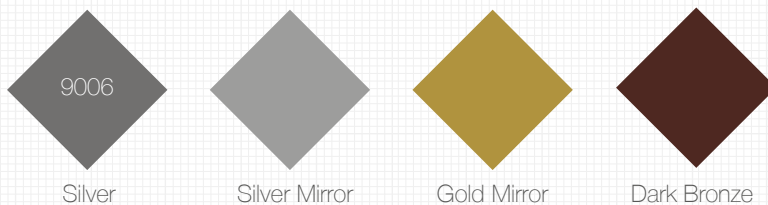
GLOSS / MATT



BRUSHED



METAL



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

What type of paint is used for the surface coating?

Alupanel has specialized 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?

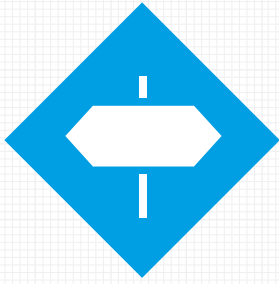
Tested in accordance with EN13501-1, panels with a PE core are class D, FR core is class B. Our panels are also tested to other international standards, please check with your Sales Manager for specific inquiries.

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 inquire about becoming a distributor, or to find a local stockist, please contact us.



Sign & Display Solutions

MADE IN BRITAIN®



**Fabricate,
fold &
form**



**One of the
widest ranges
of metallic
finishes**



ALUPANEL®

aluminium composite panel

Aluminum skin
0.30mm (.012')

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

[For more information click here](#)

Alupanel is also available with our revolutionary fire resistant core, perfect for environments where enhanced fire classification is required.

[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”

METALLIC FINISHES

Alupanel® is perfect for creating high quality, eye-catching projects in a variety of areas including retail design, sign making, POS/POP, interior design and furniture construction.

Some finishes are available with a digital coating to facilitate direct printing which further increases the array of stunning results that are achievable with Alupanel®.



Lightweight,
for flat
applications



ALUPANELLITE®

aluminium composite panel

Aluminum skin
.18mm (.007")

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 aluminum 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 ACM manufactured in the UK”

David Bowen, Bigger Printing Co.



Specially developed
Signal White
finish

2550mm
width

NOW
MANUFACTURED
WITH
5005
AlMg1
ALUMINIUM



ALUPANELA-LITE

aluminium composite panel

Aluminum skin
.18mm (.007")

The flat, smooth, digital surface with vastly improved ink adhesion helps to display printed colors with increased brightness and intensity. A-Lite offers a digital Matte/Matte finish plus the option of a fire resistant core.

[For more information click here](#)



Sign & Display
Solutions

MADE IN BRITAIN[®]



Incredibly
flat, smooth
finish



ALUPANEL[®]ECO

aluminium composite panel

Aluminum skin
0.15mm (.006')

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

[For more information click here](#)



Sign & Display
Solutions

MADE IN BRITAIN[®]



**Strong
and durable
galvanized
steel**

**Digital
coating also
available**



MULTISHIELD

galvanised steel composite sheets

Galvanized Steel skin
0.25mm (.010')

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.com • USA Office +1 718 841 9940

"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

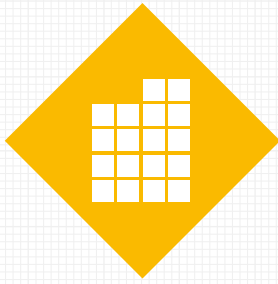
 **A-LITEFR**
aluminium composite panel

 **ALUPANEL[®]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](#)

Call +44 (0) 1392 823015 • www.multipaneluk.com • USA Office +1 718 841 9940



Architectural Solutions

 **MADE IN BRITAIN**[®]



Extremely
durable,
easily
fabricated



ALUPANELXTFRHP

high performance architectural aluminium composite material

Aluminum skin
0.50mm (.020")

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 specialized finishes as well as a color match service.



Lightweight
Fire resistant
core

Product features

UK Manufactured Aluminium Composite Panel



Sign & Display Solutions

		Skin thickness (mm / in)	Panel thickness (mm)	
Fabrication grade	ALUPANEL aluminium composite panel	0.30 / .012	2, 3, 4, 6	5 year warranty* 22 stock colors Gloss/matte
Flat applications	ALUPANEL LITE aluminium composite panel	0.18 / .007	2, 3, 4	2 year warranty* 22 stock colors Gloss/matte
Digital Print	ALUPANEL A-LITE aluminium composite panel	0.18 / .007	2, 3, 4, 6	2 year warranty* Easy peel film Matt/matte
Temporary/ Short term projects	ALUPANEL ECO aluminium composite panel	0.15 / .006	2, 3	1 year warranty White 9016 Economical
Galvanized steel composite	MULTISHIELD galvanised steel composite sheets	0.25 / .010	3, 6	5 year warranty for interior use only** Magnetically receptive Digital or whiteboard finish



Architectural Solutions

Architectural grade ACP with FR core	ALUPANEL XTFRHP high performance architectural aluminium composite material	0.50 / .020	4	Up to 20 year warranty Revolutionary core Class B
---	---	-------------	---	---

*Brushed Aluminum 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 oxidization 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 (lb/ft ²)
3	ALUPANEL®	.778
11.1	Foamed PVC	1.147
2.4	Aluminium	1.331
6.8	Acrylic	1.679
1.7	Steel	2.724

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**^{LT}
a multitude of applications

UK Head Office +44 (0)1392 823015

USA Office +1 718 841 9940

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

Call +44 (0) 1392 823015

www.multipaneluk.com

