

Materials to Create Solutions



Aluwell[®]

40 years experience in Composite Materials Industry

Alumax Composite Materials Co., Ltd.



Together, We CAN



FROM *Taiwan*

Aluminum Composite
Panel- Polyester

Aluminum Composite
Panel - UV printing

Aluminum Honeycomb
Panel

Aluminum Composite
Panel - PVDF

ALUWELL® Aluminum composite panel for Corporate Signage

ALUWELL® Aluminium Composite Panels or ACP panels are the most preferred material for making corporate signage boards for showrooms, offices, or corporate identity projects. They are flexible with a much better finish than other materials such as vinyl, flex, acrylics, etc.

ALUWELL® aluminum composite panels are produced using the most advanced technology equipment developed by our partner company Alumax Industrial Co. Taiwan, which has exported hundreds of production line equipment to world-renowned ACP manufacturers.

Signage

Being the leading ACP manufacturer in Asia, our Aluminium Composite Panel are lightweight, durable and can be easily fabricated, making them perfect for producing superior quality signboards.

Use ALUWELL® PE

Stock ALUWELL®-PE panels are available in various sizes and thicknesses, and lengths and thicknesses can also be customized. A variety of colors are available and can be shipped immediately, and there are endless possibilities for custom color matching.



ALUWELL® materials are easy to manufacture using ordinary wood and metal processing tools, and can be formed into complex bends and rounded shapes to realize any architectural vision.

They are suitable for almost any building fastening system, and are very suitable for curtain wall exterior walls, rain curtain systems, interior walls, decorative functions, company signs, etc.

#Excellent color and gloss retention #A variety of colors to choose from #Excellent impact and peel strength

#Light weight and good rigidity #Excellent surface flatness and smoothness # Easy to maintain #3-5 years warranty



Aluminum Composite Panel - PVDF	Aluminum Composite Panel - Nano-PVDF	Aluminum Composite Panel - Fire Resistant	Aluminum Composite Panel - Wood Grain
Aluminum Composite Panel - Mirror	Aluminum Honeycomb Panel	Steel Composite Panel	Titanium Zinc Composite Panel

Exterior Applications of ALUWELL® Aluminium Composite Panels

Redefining facade beauty with Superior Quality ALUWELL® Aluminium Composite Panels (ACP)

The facade of a building is much more than just an external barrier between the inside and the outside. To illustrate the importance of facade in terms, it can be compared to the role of clothing. We dress according to the occasion. Thus, it is crucial to use appropriate materials, systems, and techniques to adapt a building's facade to harsh environmental conditions. Aluminium Composite Panels or ACP sheets or Sandwich panel are the primary facade materials in contemporary architecture.

In terms of durability, the best quality ACP panels are designed to endure severe wear and tear due to UV rays and guarantee longevity for the customers.

ALUWELL® ACP cladding sheets are weather-resistant, allowing them to sustain their performance for years to come.



Exterior & Interior

Interior Applications of ALUWELL® Aluminium Composite Panels

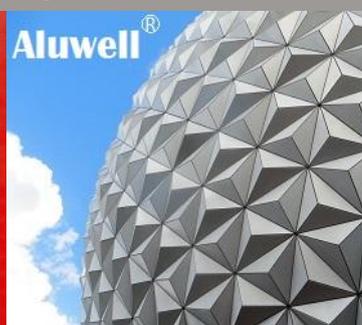
ACP sheets are widely used in commercial buildings, as well as residential structures. Here at ALUMAX, our customers can choose from a wide range of shades to suit the interior, including Rustic, Desert, Corten Steel, Wooden ACP sheet, and much more. All these shades can transform your interior wall, modular or semi-modular kitchen, or false ceiling into a gorgeous piece of art.

ACP sheets have proven to be an architect's preferred choice due to their unique benefits. ACP panels have furnished many buildings with a distinct look while elevating their interior and exterior appeal.

The Various Benefits of Using ALUWELL® Aluminium Composite Panels

Durable, Unmatched Aesthetics, Lightweight, Available in anti-bacterial variant, Easy to clean

Apart from being uniquely elegant and classy, ALUWELL® ACP sheets are affordable and available in a million and one colors, designs, and surface options to choose from.



Truck box body

X1 Panel



thin, light, strong, impact-resistant, flat and easy to install.

consist of two sheets of 0.3-0.5mm high strength alloy steel and plastic core. **a 7.5mm thick panel can replace 60mm sandwich structure of galvanized steel and PU.**

Adding a small amount of tungsten, vanadium, silicon, molybdenum, nickel, manganese greatly improves the strength and hardness of the steel. Nickel makes higher toughness, and copper, nickel and chromium increase corrosion resistance and prevent rust.

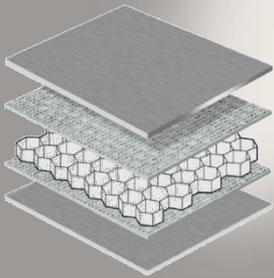


X3 Panel



Exclusive and innovative materials designed for truck rear doors.

On the basis of aluminum honeycomb panel, we add modified polyethylene components to further increase the strength.



- Extremely flatness
- Excellent strength to weight ratio
- Sound and heat insulation
- Lightweight and high strength
- Green material

Aluwell®X3



1,250 kgs pressure on X3 - aluminum reinforced composite panel

Furniture

After 3 years of research and development, we newly launched the one and the only of photo quality printed aluminium composite furniture panels. Using the unique printing technology, our panel has ultra-high resolution, ultra-high gloss, ultra-wide color gamut, and ultra-high ink adhesion. We can make customized patterns for customers to make your furniture world unique.

High gloss, realistic, unique, stylish

The customized panel has high gloss and a wide color gamut close to RGB, and the ultra-high resolution of 720*1440 makes the panel lifelike. We can make any patterns according to customer requirements such as texture of wood or stone, or any photo or patterns. The wear resistance coefficient of aluminum composite panel is several times higher than that of wood board, which can meet frequent daily use, and the color is still as new even after 10 years or more. And the panels can be replaced with different patterns to keep your furniture always fresh.

- Moisture-proof
- Fire-proof
- Environmentally friendly
- Lightweight and Sturdy
- Easy to install
- Formaldehyde free and no smell



Service



"INNOVATION" the core value of ALUMAX philosophy.

For 20 years, architects, owners and design professionals have been working with ALUMAX uninterruptedly to find solutions for the most challenging metal composite panel projects.

To achieve these increasingly complex designs, Alumax operates in a collaborative architecture designed to meet the installation goals of each project within a predictable timetable and budget.

Collaborative
Design

Modularized
Service

Machining
Service

Customized
Solution

ACM plant
Turkey solution

Including complete engineering assistance project design to ensure construct-ability, complete metal composite panel manufacturing and on-site assistance, ALUMAX takes a proactive approach to meet project requirements and exceed customer expectations.



Technology

The main production equipment of ALUMAX is the most advanced model specially manufactured by our partner company ALUMAX Industrial Co.

Taiwan. ALUMAX Industrial Co. has 40 years of machinery manufacturing experience. This technology originates from Germany and incorporates the essence of more than 20 patented technologies of its own invention.

We are the only manufacturer in the world that produces both composite panel equipment and composite panel. What we rely on is our craftsman spirit that insists on quality.

We know machines well, just like we know the products.



Aluwell® is a composite panel brand produced by ALUMAX Composite Material Co. licensed by our partner company Alumax Industrial Co. Taiwan.

Our brand Aluwell® has various types of metal composite panels. Aluwell® is widely used in building exterior walls, signs, interior decoration and other industries. Aluwell® is deeply trusted by customers at home and abroad for a long time.

ALUMAX Composite Materials Co., Ltd. was established in 1999 with a total investment of 25 million US dollars. It covers an area of 63,000 square meters, with a workshop area of more than 30,000 square meters and an annual output of 6 million square meters.

About Us



Taiwan Alumax Industrial Co., integrated German technology and own expertise in the 1980s to produce a series of composite panel production equipment. So far, it has developed more than 20 patented technologies. Taiwan Alumax has exported hundreds of production lines all over the world, and more than 80% of China's ACM manufacturers are using Taiwan ALUMAX machinery.

We uphold the business philosophy of "**Integrity, Innovation, and Responsibility**" and are committed to protecting the environment, creating a safe and healthy environment for employees, families and the entire community, and providing people with a comfortable and beautiful living space.

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