

*DEDICATED TO IMPLEMENT YOUR VISION AND SUCCESS*

## ALUMICORE

ALUMINUM COMPOSITE PANEL SYSTEM (ACP) /  
ALUMINUM PLATE PANEL SYSTEM (APP)



Exterior and Interior System ACP & APP  
Panelling Systems

- Custom Wall Systems
- Soffits
- Column Covers
- Fascias
- Parapet Caps
- Canopies



**ELEGANT FAÇADE INC.**

ARCHITECTURAL SOLUTIONS

*VERSATILE UNLIMITED POSSIBILITIES*

PVDF (POLYVINYLIDENE)



**SPECIFICATIONS OF ACP  
ALUMINUM COMPOSITE PANELS**

- Aluminum Thickness: 0.1mm, 0.15mm, 0.21mm, 0.3mm, 0.4 mm, 0.45 mm and 0.5mm
- Total Thickness: 2mm, 3mm, 4mm, 6mm, 8mm and 10mm
- Plastic Core Layer: Normal Polyethylene, Virgin polyethylene and Fire-proof A and B.
- Coating Finishes: PVDF, Polyester and Pet Film.

**SPECIFICATIONS OF APP  
ALUMINUM PLATE PANEL SYSTEM**

- Aluminum Thickness: 2.5mm, 3mm
- Coating Finishes: PVDF, Polyester and Pet Film.



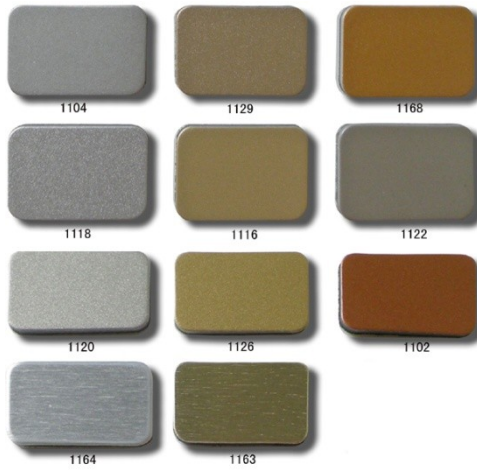
**INTERIOR**

Interior ACP & APP are mostly employed for the shopping malls, office buildings, lobbies to achieve diverse effects of elegance, luxurious, mellow bright and magnificent affect that meets all kinds of tastes.

SOLID



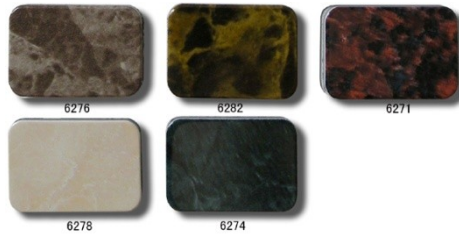
METALLIC



WOODEN



GRANITE



SPECIAL FINISH

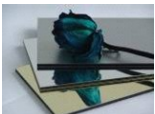
ANOLE



BRUSHED



MIRROR





## Fireproof ACP

Product Structure:

Surface: 0.5 mm Aluminum skin

Core Layer: Fire Resistant LDPE

Rear Side: 0.5 mm Aluminum skin with corrosion resistant coating



## Antibacterial System

Antibacterial Aluminum Composite Panel & Aluminum Plate Panel is achieved by coating on the surface of ACP & APP with advanced antibacterial, sterilizing paint.

Common applications: Hospitals, Laboratories, Pharmaceutical companies etc...



## Antistatic System

Antistatic Aluminum Composite Panel & Aluminum Plate Panels adopts antistatic coating.

Common applications: Requirement for dust free buildings; laboratories, computer rooms, electronic factories, workshops of semiconductors & silicon chips, plants of aerospace materials, chemical plants, etc...

## Zinc Composite Panel

Zinc Composite Panel is a high end product.

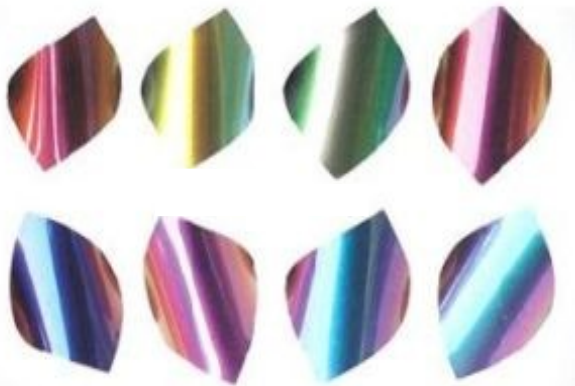
Common Applications Large scale public buildings: Airports, stadiums, convention centers, operas etc...

The Zinc panel is a self repair from scratches without leaving traces.



## Chameleon Aluminum Composite Panel & Aluminum Plate Panel

By working hand in hand with Beckers, Alumaticore develops the Chameleon Color ACP & APP which is such an incredible material. Depending on the pigment type and viewing angle, also the wavelengths of light that are reflected back to our eyes, Chameleon color will look different if you see from different angles.



## Nano Aluminum Composite Panel & Aluminum Plate Panel:

By combining the new Nano Technology with the traditional production technology of ACP & APP, Alumicore develops the innovative Nano coating Aluminum Composite Panel and Aluminum Plate Wall Panels System. Nano ACP & APP itself has the self-cleaning function so dirt can not attach onto it easily, it will give the building a consistently new look and can lower your maintenance costs a lot.

Nano ACP & APP is available in Nano PVDF ACP & APP and Nano Polyester ACP & APP. Nano PVDF is 3-layer coating, while Nano Polyester is 2-layer coat. And Nano ACP & APP would look more glossy and shiny than Non-Nano ACP & APP owing to the applied of Nano clear paint on top.

### *Advantage of Nano ACP & APP:*

- 1) Self-cleaning: Due to the applying of Nano paints on top, any dirt can not attach onto it easily, so there's nearly no need for manual cleaning.
- 2) Glossy effect: Due to the extra layer of Nano paints, the gloss rate of Nano ACP & APP is higher than ordinary PVDF or PE coating ACP & APP. Thus Nano ACP & APP can bring your building a shinny and glossy look.



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