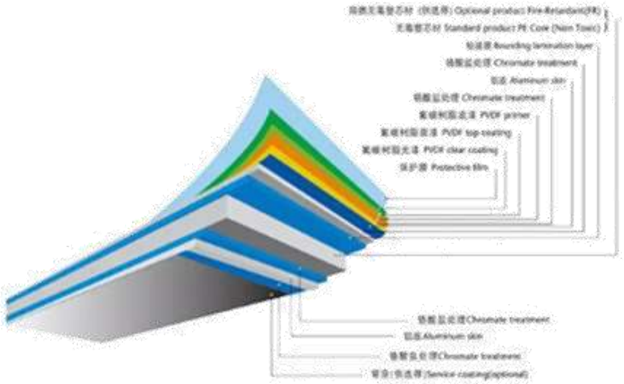
Company Profile

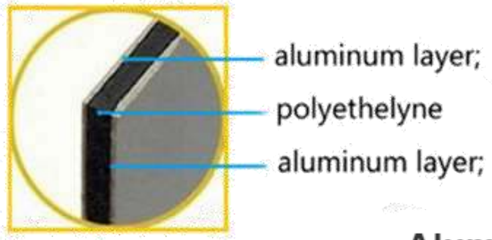
Shandong Duoshun Building Materials Technology Co., Ltd. is a comprehensive enterprise integrating product research, development, production and sales. It mainly produces, processes and sells aluminum-plastic composite panels. Duoshun Building Materials has good production technology, strong production capacity, stable procurement channels, sales network for face-to-face sales, factory delivery advantages, and high-quality reputation guarantee; the company's products sell well in more than 20 provinces and more than 100 cities in China, and are exported to Africa, Southeast Asia and many other regions and countries, and are well received by new and old customers. The company strictly controls the entire production process, uses high-quality raw materials and stable product quality to provide customers with reliable and good-quality products. Looking forward to establishing a good cooperative relationship with you!



Aluminum Composite Panel

Aluminum-plastic composite panel, referred to as aluminum-plastic panel, is a new type of material that is made of a surface-treated aluminum plate with coating and baking paint as the surface, a polyethylene profile plate as the core layer, and a series of processes. Due to its economy, The variety of available colors, convenient construction methods, excellent processing performance, excellent fire resistance and noble quality have quickly become popular among people. It is composed of two materials (metal and non-metal) with very different properties. It not only retains the main characteristics of the original material (metal aluminum, non-metal polyethylene plastic), but also overcomes the shortcomings of the original material, thereby obtaining It has many excellent material properties, such as luxury, bright and colorful decoration, weather resistance, corrosion resistance, impact resistance, fire resistance, moisture resistance, sound insulation, heat insulation, earthquake resistance; light weight, easy to process and form, easy to transport and install, and can be constructed quickly, etc. Characteristics, these characteristics have opened up broad application prospects for aluminum-plastic panels.

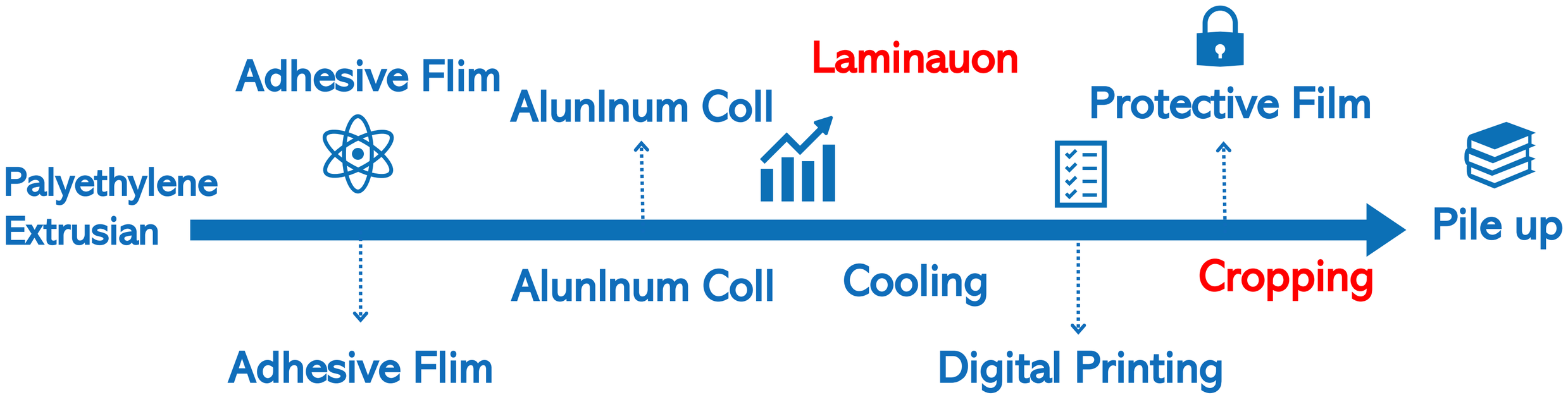




Aluminum composite panel

The aluminum-plastic composite panel is composed of multiple layers of materials. The upper and lower layers are high-purity aluminum alloy plates, and the middle layer is non-toxic low-density PE core board. The front side of the board is also coated with a protective film. For outdoor, the front of the aluminum-plastic plate is coated with PVDF, while for indoor, the front can be coated with non-fluorocarbon resin.

Process flow diagram



Specifications Of Aluminum Composite Panel

Normal Width	1220mm, 1500mm, custom accepted
Panel Length	2440mm , 3000mm, 5000mm or custom accepted
Panel Thickness	2mm, 3mm, 4mm, 5mm,
Aluminum Alloy	AA1100,AA3003,AA5005 ...(Other Grade On Requirement)
Aluminum Thickness	0.05mm to up 0.50mm
Coating	PE coating , PVDF coating, Brush surface, mirror surface
PE Core	Recycle PE Core/Fireproof PE Core/ Unbreakable LDPE Core
Color	Metal/Matt/Glossy/Brushed/Mirror/Granite/Wooden (see color chart)
Delivery time	Around two or three weeks after receiving deposit
MOQ	100Pcs or 300Sqm
Brand/OEM	Shanghai Jixiang
Payment Terms	T/T, L/C at sight,
Packing	FCL:In bulk;LCL:In Wooden pallet Package;according customersrequirement

Color Card









Hot Sale Products



Solid Color



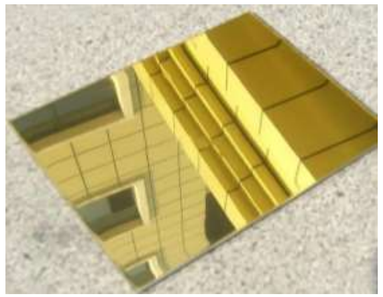
Glossy Color



Marble Color



Wooden Color



Mirror Color

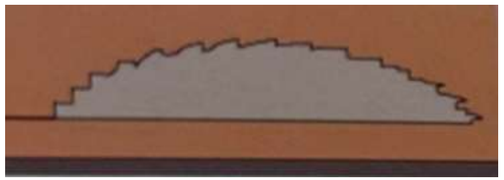


Brushed Color

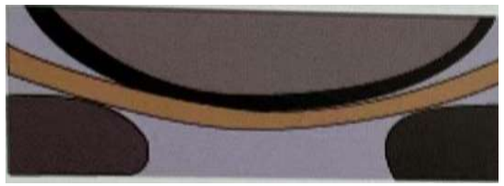


Fireproof Color

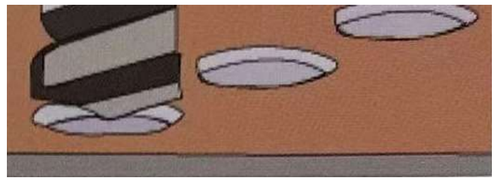
Installation Guide



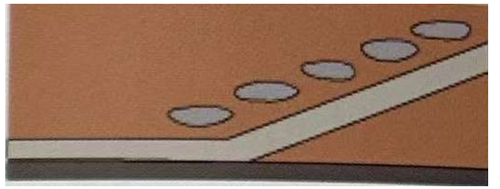
Play cut



Bending arc



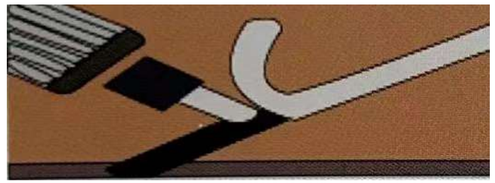
Drilling



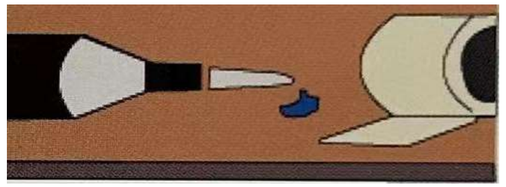
Riveting



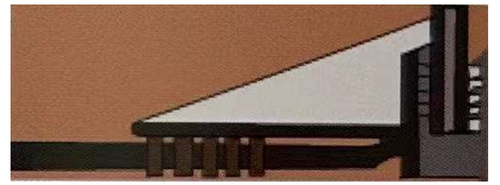
Cutting



Welding



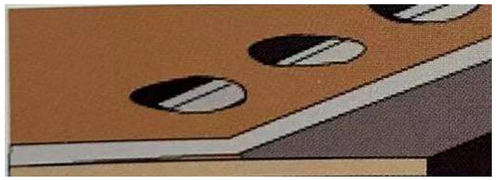
Adhesive



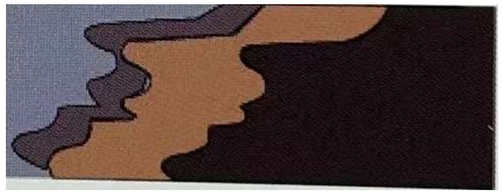
Clip connection



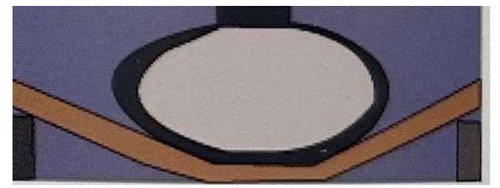
Punching



Bolt connection



Artistic design



Bending

Aluminum composite pane Connection melthods commonly used

Aluminum composite panel can use metal and plastic processing methods commonly used to connect the connection Following introduced several commonly used connection mode:

(1) The rivet connections

Aluminum composite panel can be connected between the use of suitable aluminum rivets plateor plates and other materials Application to the outdoors or in places with high humidity, should riyetsused stainless steel core to avoid corrosion effect of aluminum-plastic plate, if use Core rivet, rivetcore is fixedly connected to be withdrawn after Countersunk head rivets are used only for indoorapplications.

(2) With a threaded fastener (external and interior)

A:Parts for fixing outdoor

When the outdoor use threaded fastener, need to consider the aluminum composite panel thermal expansion coefficient, in order to avoid the aluminum plate deformation due to thermaland squeezed deformation, opening aluminum composite panel above need to be bigger than the screw diameter so as to meet the requirements of expansion.

The use of stainless steel screw with gasket can avoid aluminum plate by extrusion deformation, the product function has been obtained to verify.To choose suitable structural material screw,should use torque wrench or screwdriver ensure the wash effectively sealing hole but not too tight in the aluminum composite panel surface to leave traces.

Construction and sometimes need to use bit in driling or casing deformation of aluminum or casing deformation of aluminum or bottom structure in order to achieve a fixed center driling hole and rivet, Need to pay attention to it, to ensure the removal of the protective film on the fixing screws before.

b. Parts for fixing interior

Screw for fixing indoor application connection can use different head shape steel or wood.These screws are usually not allow aluminum composite panel thermal expansion displacement.

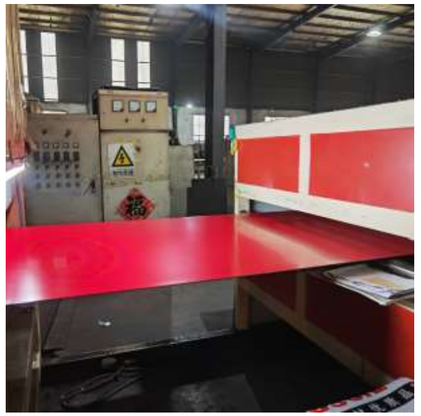
Countersunk head screws carp be used for fixing the aluminum composite panel, can use the usual countersunk hole method or directly to the aluminum panel pressing plate, this panels larger than the hole diameter of the screw rod.

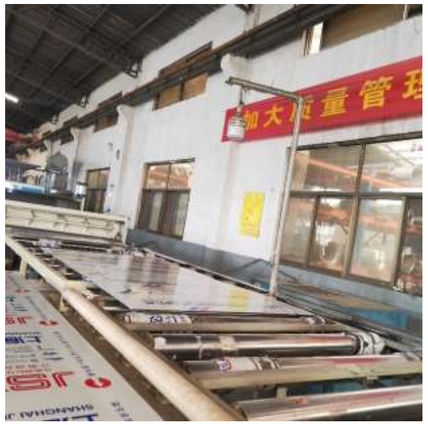
Workshop





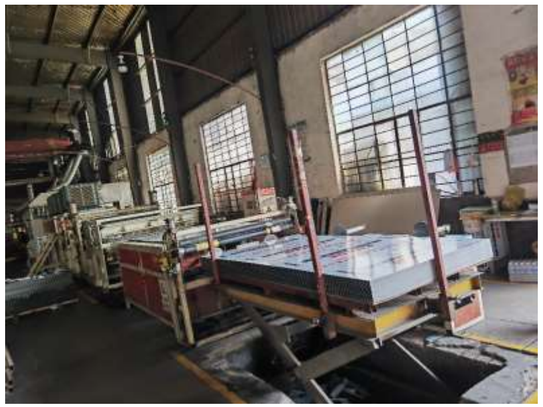
















Warehouse











Case















