

# 铝塑复合板 Aluminum Composite Panel

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## 1. Technical data

Description	Test Standard	Test Standard	Test Value	
Coating Thickness	ISO2360 (CNC 8406)	Average≥25um	26-28um	
Gloss Tolerance	ASTM D523-89	≤10 (gloss<70) ≤5 (gloss≥70)	≤10 (gloss<70) ≤5 (gloss≥70)	
Pencil Hardness	ASTM D3363-00	≥HB	≥2HB	
Coating Flexibility	ASTM D4145-83	≤2T	≤2T	
Impact Resistance	ASTM D2794_93	≥50 Kg.cm	≥50 Kg.cm	
Coating Adhesive	ASTM D3359-87	Class O	Class O	
Resist Solvent	ASTM D2248-01a	No aluminum appears, butanone 100 times	No aluminum appears, butanone 100 times	
Boiling Water Resistance	ASTM D3359-02	No change immersed in boiling water for 2h	No change immeersed in boiling water for 2h	

Acid Resistance	ASTM D1308-02	5%HCL 48h no change	5%HCL 48h no change
Alkaline Resistance	ASTM D1308-02	5% NaOH 48 no change	5% NaOH 48 no change
Scrub Resistance	ASTM D1308-02	≥10000 cycles	≥13000 cycles
Pollution Resistance	AAMA605.2–90	≤5%	<b>≤</b> 3.5%
Salt Spray Resistance	ASTM B117-03	3000 hrs no change	4500 hrs no change
Colors Resistance	GB/T16259-1996	∆E≤4. 0	∆E <b>≤2.0</b>
Degradation of Gloss	GB/T16259-1996	Not interior to grade 2	Not interior to grade 2
Chalking Resistance	GB/T16259-1996	No change	No change
Bending Strength	ASTM D790-03	≥100 MPa	105 MPa
Penetrating Resistance	SDTM D732-02	≥7.0KN	7.8KN
Heat Distortion Temperaturer	ASTM D648-01	≥95°C	≥ <b>107</b> °C
Peel Strength	ASTM D903-98	Average ≥130N•mm/mm	Average≥150N ¶mm/mm

2.Details			
Brand name	Alusong & Medal		
Place of origin	Shandong , China		
Usage	Indoor/outdoor		
Function	Anti-Static, Antibacterial,		
	Fireproof, Mould-Proof		
Guatantee	8-10 years for PE ,20 years for PVDF		
Thickness(mm):	0. 06mm-0. 50mm.		
Total panel thickness(mm):	2mm-6mm.		
Width(mm):	915mm,1000mm,1220mm (regular),		
	1250mm, 1500mm, 1550mm,		
2000mm(maximum);			
<pre>length(mm);</pre>	Up to 11500mm;		
<pre>Standard size(mm):</pre>	$1220$ mm(Width) $\times 2440$ mm(Length).		
Surface Treatment:	PE /PVDF coating.		
Color	Customer's Requirements		
Minimum starting quantity	1200m2 per color		
Non-standard sizes and special colors are available depending on customers' offers.			

#### **3.Quality Sourcing**

JXG chooses the top and famous supplier to source the best raw material , this is how we can ensure the products ' stability and reliability .

Protective Film			
PE/PVDF top coating			
Primer coating		ALLIN	
Pretreatment		COMPONES DE	1
Aluminum coil	ı K	ALCHAINCHI COMPOSITE PANEL	5
Macromolecular Iamination film		25	
LDPE core(Nontoxic)			
Macromolecular lamination film			
Aluminum coil with primer coating			

#### **Top Quality Suppliers**



4. Colorful rainbows are not only rainbows,

but also Alusong aluminum composite

panels.

(We have more than 100 colors to choose )



ALUMINU	JM COMPOSITE P	ANEL STANDARD C		
泥红Mud Red	农行绿2 ABC Green 2	电信绿Telecom Green	青绿Blue Green	农行绿ABC Green
翠绿Green	邮电绿Post Green	芬兰绿Dark Green	电力绿Grid Green	墨绿Bottle Green
高光翠绿Light Green	高光青绿Light Blue White	高光象牙白Light Lvory White	高光白Light White	高光苹果绿Light Apple White

高光天兰Light Sky Blue 高光浅兰Light Cambridge Blue 高光深兰Light Navy Blue 高光电信兰Light Telecom Blue 雪青兰The Snow Blue

ALUMINU	JM COMPOSITE P			
高光黃Light Yellow	高光桔黄Light Saffron Yellow	高光桔红Light Jacinth	高光玫瑰红Light Rose Color	高光红Light Red
高光枣红Light Jujube Red	高光黑Light Black	高光红咖啡Light Red Coffee	e 繁色Purple	银镜面Silver Mirror
金镜面Gold Mirror	茶镜面Tawny Mirror	玫瑰鏡面Rose Mirror	灰镜面Gray Mirror	黑镜面Blue Mirror
银拉丝Brushed Silve	金拉丝Brushed Gold	粉红拉丝Brushed Pink	乌拉丝Brushed Grey	棕拉丝Brushed Brown

ALUMINUM COMPOSITE PANEL STANDARD COLOR							
白銀灰Siver	r Grey	闪银灰Sparkling Silver	香槟银Champagne Silver	香槟金Champagne Golden	闪金黄Golden		
棕榈Cop	per	海苔银Seaweed Silver	黑金沙Sparkling Black	哑白Off White	象牙白Lvory White		
浅灰French	n Grey	中行灰Bank Gray	深灰Dark Gray	嫩黄Peak Yellow	黄色Yellow		
桔黄Saffron	Yellow	浅咖啡Light Coffee	红咖啡Red Coffee	黑咖啡Dark Coffee	黑色Black		



### 4. Aplication

1)Constructional exterior curtain walls, ACM are widely used in exhibition, stores, offices, banks, hotels,restaurants and apartments;





2)Decorative renovation forstorey-added old buildings,facades, roofing;

3)Indoors decoration for interior walls, ceilings, bathrooms, kitchens, balconies and subway;





4)Advertisement board,
display platforms, billboards
and signboards;
5) Wallboard and ceilings for
tunnels;

- 6) Raw materials in industrial purpose;
- 7) Material used for vehicle bodies, yachts and boat.

#### 6. Features of our factory

We are a professional PAC manufacturer and we have our own factories. Our factory has seven production lines and two coated lines. We have the following six advantages.

1. The international standard quality of the thickness of the aluminum skin, thickness absolutely sufficient.

- 2. Provide OEM / ODM services.
- 3. There are more than 101 colors to choose from.
- 4. Longer warranty time.
- 5. Fast delivery.
  - 6. Perfect service

We are looking for distributors abroad and welcome to consult. Need a quote, please report the size. 7.Special Advantages compared with ordinary ACP

- Good panel flatness
- High fineness
- Excellent lnk absorption
- Easy-peeling protecyive film



















