

WENZHOU JIXIANG COMPOSITE PANEL CO.,LTD.

温州市吉祥板业有限公司





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Brief Introduction

Product Categories

Main Projects

A ABOUT US

- Our company was founded in **2000**, which has been dedicated to the Production, R&D, Trading & Servicing of **Aluminum Composite Panels**
- Factory located in Yueqing Economic Development Zone, **Wenzhou** city, Zhejiang province, China
- Company with over 200 employees



◀ Factory in Wenzhou city

Aluminum Composite Panel (ACP)

Professional manufacturer since 2000

A ABOUT US





A ABOUT US

- total 12 high-speed production lines



6 ACP Production Lines

Aluminum Composite Panel
Daily Output over 30,000 Square Meters

1 ACCP Production Line

A2 FR Aluminum Corrugated Composite Panel
Daily Output 5,000 Square Meters





A ABOUT US

- total 12 high-speed production lines

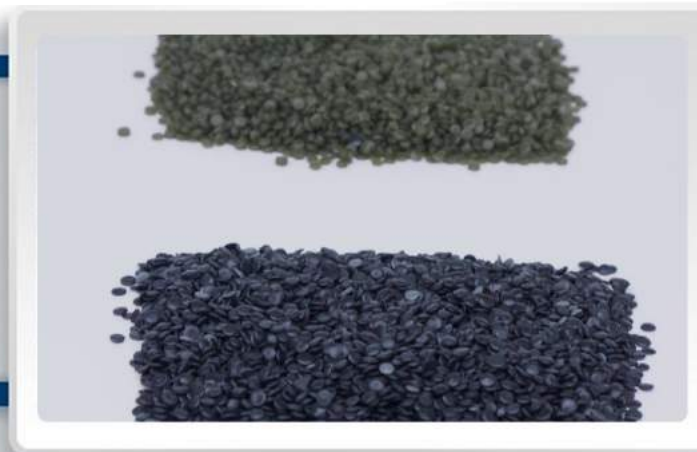


← 2 Coating Lines

PE Color Coated Aluminum Coil
Monthly Output 1,200 Tons

3 Polyethylene Plastic Production Lines →

To supply a top-quality on raw material



B MAIN BRAND



National High-tech Enterprise 

To make your trustful brand of Aluminum
Composite Panel - "**ALUSIGNPANEL**"





CERTIFICATE

- ISO9001:2015, ISO14001:2015 and OHSAS18001:2007
- SGS, CE, UL, FR and CTC certificates for product series



D MAIN MARKET

- Shanghai Branch Company: SHANGHAI JIXIANG COMPOSITE PANEL CO.,LTD.
- Complete sales & service network in 23 provinces of China
(Jixiang brand as one of the top three ACP brands in domestic market)
- Widely exported to: USA, Canada, Mexico, Brazil, Chile,Australia, Indonesia, Qatar,UAE,Philippines,Singapore, UK,Germany,France,Poland, Nepal,Nigeria,Ghana, South Africa and so on





Product Categories

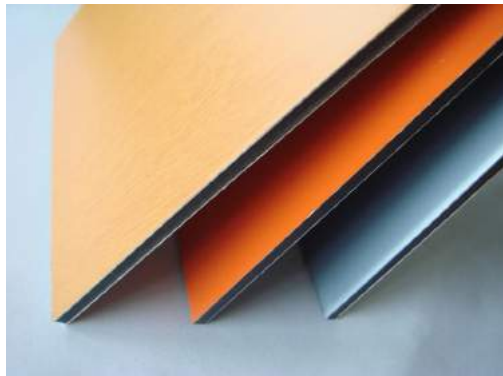
- ❑ Aluminum Composite Panel (ACP)
- ❑ A2 FR Aluminum Core Composite Panel (ACCP)
- ❑ Color Coated Aluminum Coil



Aluminum Composite Panel (ACP)

01

Main Structure



- ① ALUSIGNPANEL Protective Film
- ② Top Aluminum Skin with PE/PVDF coating
- ③ Polymeric membrane
- ④ Standard LDPE Core & Optional FR Core
- ⑤ Polymeric membrane
- ⑥ Bottom Aluminum Skin with service coating



- ✓ Aluminum Composite Panel (ACP)
- ✓ Aluminum Composite Material (ACM)
- ✓ Alucobond

Aluminum Composite Panel (ACP)

01

Main Specification



- **Width:** 1220mm, 1250mm, 1500mm for order selection
- **Length:** 2440mm, 3050mm, 5800mm or custom
- **Panel thickness:** 2mm~6mm, popularly **3mm, 4mm**
- **Aluminum skin thickness:** 0.06mm~0.50mm, popularly **0.21mm, 0.30mm, 0.50mm**
- **Coating:** Polyester (PE) or PVDF or FEVE
- **Core materials:** standard LDPE & optional FR core
- **Order Colors:** refer to factory color chart or custom
- **Protective Film:** factory logo or OEM
- **Standard Size:** 1220*2440mm (4'*8')

Aluminum Composite Panel (ACP)

01

Main Series



➤ PE ACP



➤ PVDF ACP



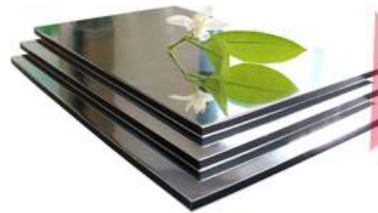
➤ FEVE ACP



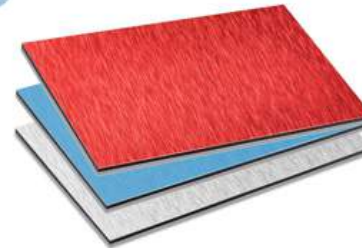
➤ Wooden&Stone ACP



➤ Fireproof(B1 FR) ACP



➤ Mirror ACP



➤ Brushed ACP



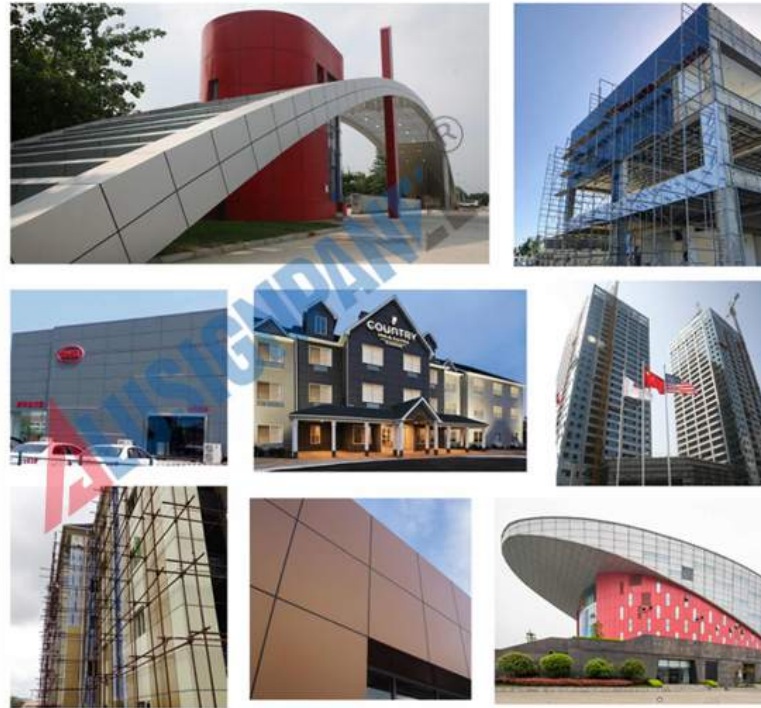
➤ Outdoor Anti-scratch ACP

Aluminum Composite Panel (ACP)

01

Main Application

- ❑ Interior Wall Decoration
- ❑ Exterior Wall Cladding
- ❑ Signage



Protective Film Logo

Aluminum Composite Panel (ACP)



Color Chart

Aluminum Composite Panel (ACP)

Metallic & Solid Colors



Metallic & Solid Colors



Pearl Colors



Glossy Colors



Special Colors



Aluminum Composite Panel (ACP)

01

Packing & Loading

- according to different need, mainly three ways

➤ Bulk Packing



➤ Wooden Pallets Packing



➤ Wooden Cases Packing



**Q: What is your MOQ per color?**

A: Mostly PE ACP- 800m2 , PVDF ACP- 1000m2, and Special colors - 1200m2.

**Q: Can we do a custom color? How about OEM logo?**

A: Custom colors according to your sample or doing international RAL & Pantone color code are both available to arrange.

About OEM logo, it will exist an extra US\$800 as the first-time moulding charge, and we will return this money back on your 10th container.

**Q: How about the product guarantee period?**

A: This will need to see the order model and where will you use for. PE coating warranty 5-6 years for outdoor use and 10 years for indoor use; PVDF coating warranty 15 years for outdoor use.

**Q: How about the payment term and lead time?**

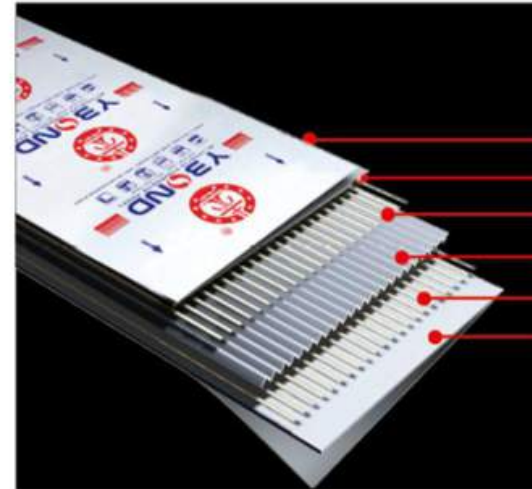
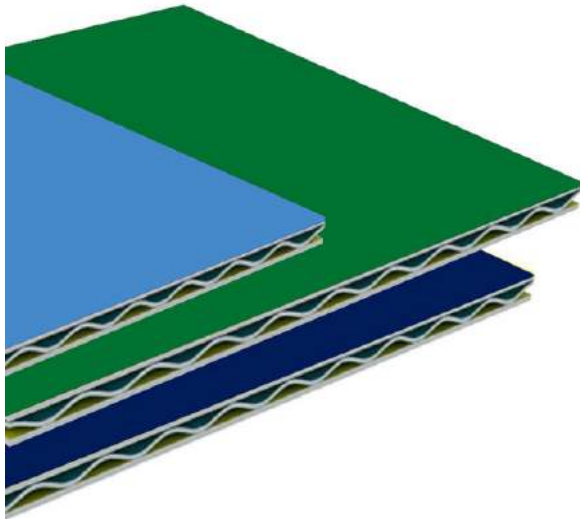
A: Mostly we do the 30% TT in advance and 70% balance TT before shipment.

Lead time will be 15 working days after we receive deposit payment.



A2 FR Aluminum Core Composite Panel (ACCP)

Main Structure



- YBOND Protective Film
- PVDF Ky or Polyester Coating Alu.Skin
- Adhesive Layer
- Aluminum Corrugated Core
- Adhesive Layer
- Service Coated/Mill Finished Primer Alu.Skin

Comparative table of metal exterior

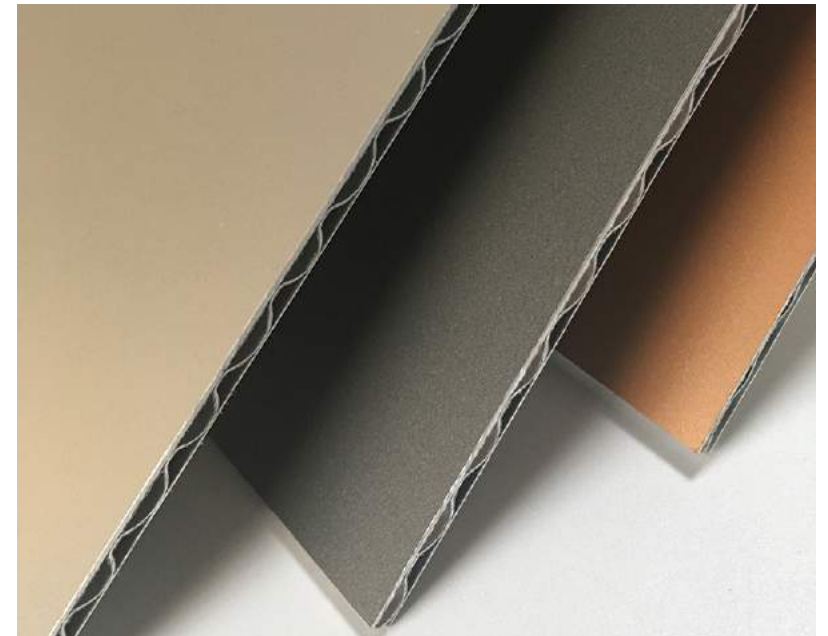
Item	Alu. Composite Panel	Alu. Solid Panel	Alu.Corrugated Composite Panel
Material	0.5mm (Skin)	3.0mm	0.80mm / 0.60mm
Thickness	4mm	3.0mm	6mm, 4mm
Weight	5.5kg/m ²	8.1kg/m ²	4.3kg/m ² , 3.7kg/m ²
Light Weight	Good	Normal	Excellent
Fire Proof	Normal	Good	Good

A2 FR Aluminum Core Composite Panel (ACCP)

02

Specification

- **Width:** 1220mm, 1250mm for order selection;
- **Length:** as per order, recommend 2440mm;
- **Panel thickness:** recommend **4mm**, 6mm;
- **Aluminum thickness:** **0.50/0.30/0.50mm** (top/CORE/bottom);
- **Coating:** Polyester(PE) or PVDF;
- **Core:** Aluminum corrugated core;
- **Standard size:** 1220*2440mm (4'*8')



A2 FR Aluminum Core Composite Panel (ACCP)

02

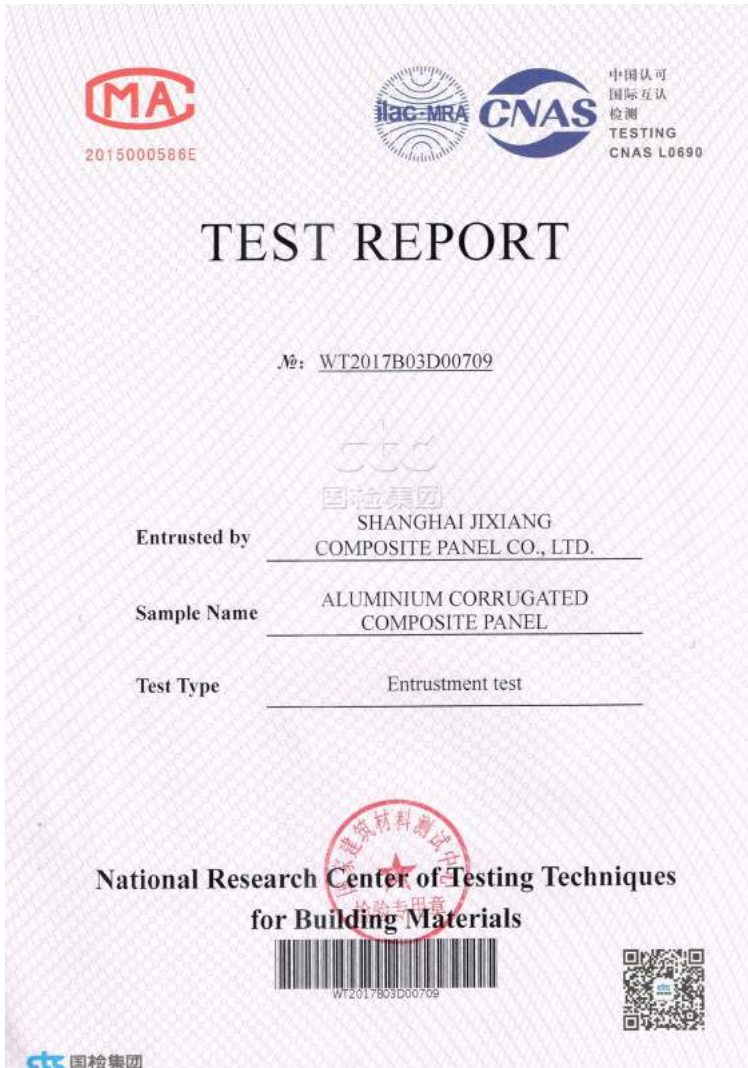
A2 FR GRADE



Fire-resistance Performance Standard					
FR Grade	China	Germany	U.S.A.	France	U.K.
	GB/T8627	DIN 4102 [®]	ASTM E84	NFF16-101	BS-476
Grade 1	A1, A2	A1, A2	NC	MO	O
Grade 2	B1	B1	A	M1, M2	1
Grade 3	B2	B2	B, C	M3	2, 3

A2 FR GRADE

A2 FR Aluminum Core Composite Panel (ACCP)

02



 2015000586E
 中国认可 国际互认 检测 TESTING CNAS L0690

TEST REPORT

No: WT2017B03D00709


SHANGHAI JIXIANG COMPOSITE PANEL CO., LTD.



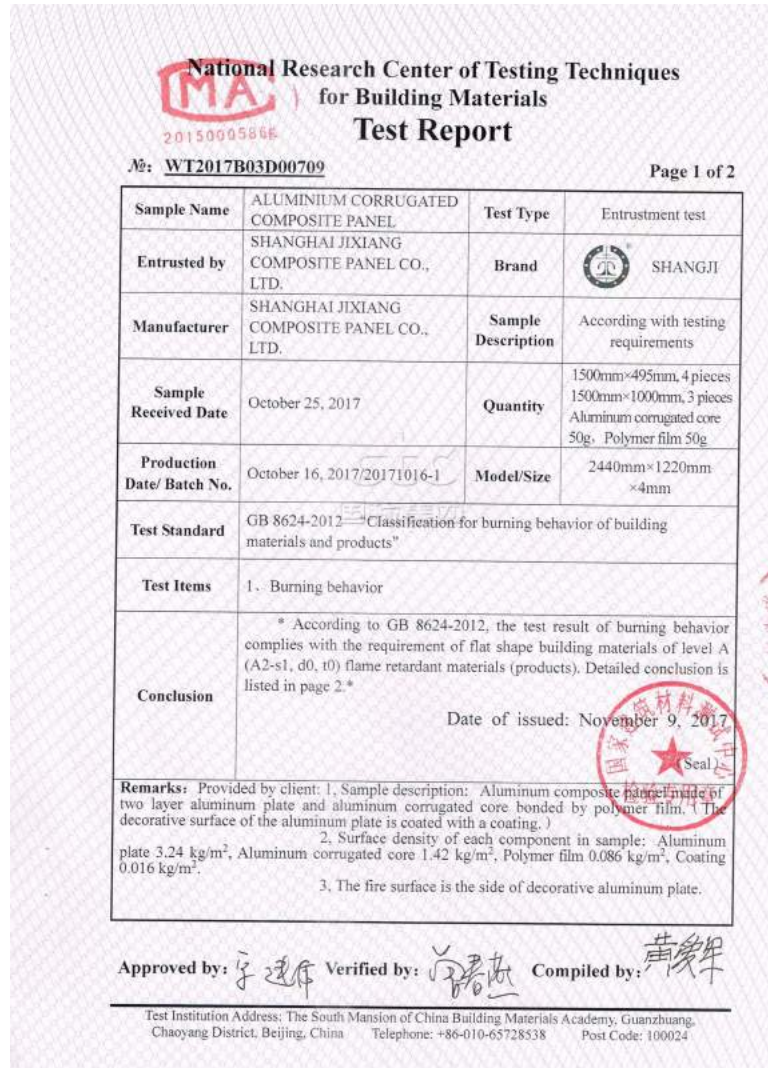
SHANGHAI JIXIANG COMPOSITE PANEL CO., LTD.


Entrusted by: SHANGHAI JIXIANG COMPOSITE PANEL CO., LTD.


Sample Name: ALUMINIUM CORRUGATED COMPOSITE PANEL

Test Type: Entrustment test


 National Research Center of Testing Techniques for Building Materials

 WT2017B03D00709



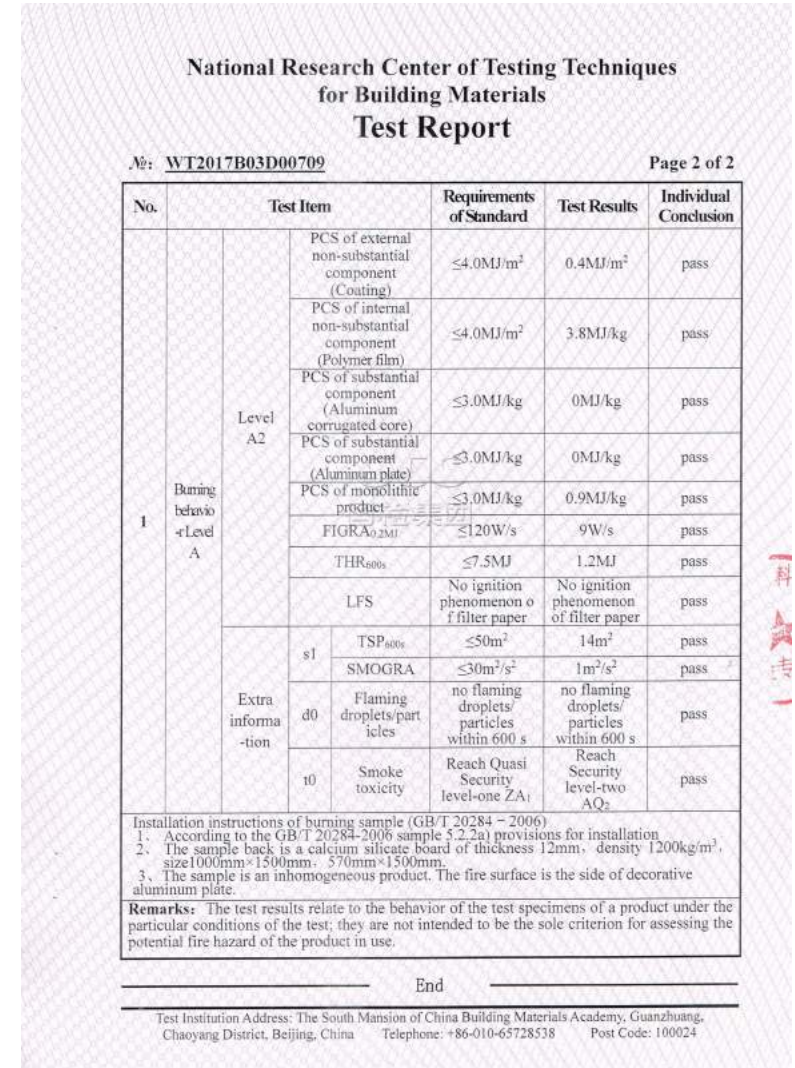
 National Research Center of Testing Techniques for Building Materials
 2015000586E
Test Report
 No: WT2017B03D00709 Page 1 of 2

Sample Name	ALUMINIUM CORRUGATED COMPOSITE PANEL	Test Type	Entrustment test
Entrusted by	SHANGHAI JIXIANG COMPOSITE PANEL CO., LTD.	Brand	 SHANGJI
Manufacturer	SHANGHAI JIXIANG COMPOSITE PANEL CO., LTD.	Sample Description	According with testing requirements
Sample Received Date	October 25, 2017	Quantity	1500mm×495mm, 4 pieces 1500mm×1000mm, 3 pieces Aluminum corrugated core 50g, Polymer film 50g
Production Date/ Batch No.	October 16, 2017/20171016-1	Model/Size	2440mm×1220mm×4mm
Test Standard	GB 8624-2012 "Classification for burning behavior of building materials and products"		
Test Items	1. Burning behavior		
Conclusion	* According to GB 8624-2012, the test result of burning behavior complies with the requirement of flat shape building materials of level A (A2-s1, d0, t0) flame retardant materials (products). Detailed conclusion is listed in page 2.* Date of issued: November 9, 2017		

Remarks: Provided by client: 1. Sample description: Aluminum composite panel made of two layer aluminum plate and aluminum corrugated core bonded by polymer film. 1 The decorative surface of the aluminum plate is coated with a coating.)
 2. Surface density of each component in sample: Aluminum plate 3.24 kg/m², Aluminum corrugated core 1.42 kg/m², Polymer film 0.086 kg/m², Coating 0.016 kg/m².
 3. The fire surface is the side of decorative aluminum plate.

Approved by: 李连伟 Verified by: 李君燕 Compiled by: 黄爱军

Test Institution Address: The South Mansion of China Building Materials Academy, Guanzhuang, Chaoyang District, Beijing, China Telephone: +86-010-65728538 Post Code: 100024



National Research Center of Testing Techniques for Building Materials
Test Report
 No: WT2017B03D00709 Page 2 of 2

No.	Test Item	Requirements of Standard	Test Results	Individual Conclusion	
1	Burning behavior Level A	PCS of external non-substantial component (Coating)	≤4.0MJ/m ²	0.4MJ/m ²	pass
			≤4.0MJ/m ²	3.8MJ/kg	pass
		PCS of internal non-substantial component (Polymer film)	≤4.0MJ/m ²	3.8MJ/kg	pass
			≤3.0MJ/kg	0MJ/kg	pass
		PCS of substantial component (Aluminum corrugated core)	≤3.0MJ/kg	0MJ/kg	pass
			≤3.0MJ/kg	0MJ/kg	pass
		PCS of substantial component (Aluminum plate)	≤3.0MJ/kg	0MJ/kg	pass
			≤3.0MJ/kg	0.9MJ/kg	pass
		PCS of monolithic product	≤120W/s	9W/s	pass
			THR _{600s}	≤7.5MJ	1.2MJ
Extra information	LFS	No ignition phenomenon of filter paper	No ignition phenomenon of filter paper	pass	
		TSP _{600s}	≤50m ²	14m ²	pass
	s1	SMOGR	≤30m ² /s ²	1m ² /s ²	pass
		d0	no flaming droplets/particles within 600 s	no flaming droplets/particles within 600 s	pass
	t0	Flaming droplets/particles within 600 s	Reach Quasi Security level-one ZA ₁	Reach Security level-two AQ ₂	pass
		Smoke toxicity	Reach Quasi Security level-one ZA ₁	Reach Security level-two AQ ₂	pass

Remarks: The test results relate to the behavior of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

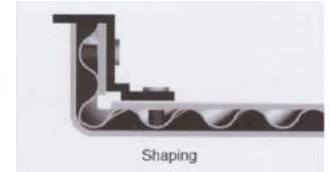
End

Test Institution Address: The South Mansion of China Building Materials Academy, Guanzhuang, Chaoyang District, Beijing, China Telephone: +86-010-65728538 Post Code: 100024

FR PROJECTS

A2 FR Aluminum Core Composite Panel (ACCP)

02



Specification

Raw Material: Aluminum Alloy AA1100, AA3003

Paint: Polyester or PVDF Kynar;

- ❑ Thickness: 0.06mm~0.50mm;
- ❑ Width: 1240mm, 1270mm, 1520mm, 1570mm;
- ❑ Color: refer to our standard COLOR CHART or custom
- ❑ Max Diameter: 1200mm;
- ❑ Weight: 2.50 Ton/Coil; 3.00 Ton/Coil;
- ❑ Interior Diameter: 505mm or 405mm;





Main Projects



Virginia Beach Housing Resource Center



Location: 104 N. Witchduck Road, Virginia Beach, Virginia, USA



Color: Silver Grey
(PVDF Coating, FR ACP)



Total : 5,900 Square meters





Main Projects



Country Inn & Suites



Location: 2176 East 23rd Street, Lawrence, Kansas, USA

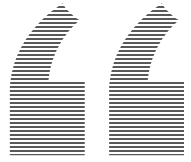


Color: Custom colors - Dark Bronze & City Grey (PVDF Coating, FR ACP)



Total : 3,900 Square meters





Main Projects



Jubilee Spray Park



Location: 510 Grove Dr W, Spruce Grove, AB, Canada



Color: Silver Mirror
(Mirror finish, FR ACP)



Total : 3,000 Square meters

ALUSIGNPANEL®





Main Projects



Sichuan Luzhou People's Government Service Center



Location: Jiangyang West Road, Jiangyang Road, Luzhou city, Sichuan province, China



Color: Light Grey & Deep Rose (PVDF Coating, FR ACP)



Total : 7,800 Square meters





Main Projects



Chengdu Dujiangyan Stadium



Location: Yingbing Road, Dujiangyan, Chengdu city, Sichuan province, China



Color: Silver Grey & Custom Red (PVDF Coating, FR ACP)



Total : 8,600 Square meters





Main Projects



Henan Zhengzhou Airport Hotel



Location: Yingbing Road, near Xinzheng International Airport, Zhengzhou city, Henan province, China



Color: Light Grey & Custom Bronze (PVDF Coating, FR ACP)



Total : 6,800 Square meters





Main Projects



Nanning Nahong Expressway Toll Station



Location: G7211 Jiangnan Area, Nanning city, Guangxi, China



Color: Dark Grey & Light Grey (PVDF Coating, FR ACP)



Total : 3,200 Square meters

