

Aludream®

Aluminum Composite Panel

Aludream ACP Panel

ALUDREAM® is a composite panel consisting of two aluminum cover sheets and a polyethylene (LDPE) core. The properties of this material offer architecture an inspiring new range of solutions – whether your project is a private home or a public building, corporate headquarters, office, or a trading/industrial complex – everything is possible with ALUDREAM®. Available in a wide range of colours. Our Aluminium Composite Panel is extremely rigid, yet can be formed into many shapes to suit any design.

It is also used extensively by organizations planning to create a new corporate design for retail chains, car showrooms, banks, petrol stations, etc.

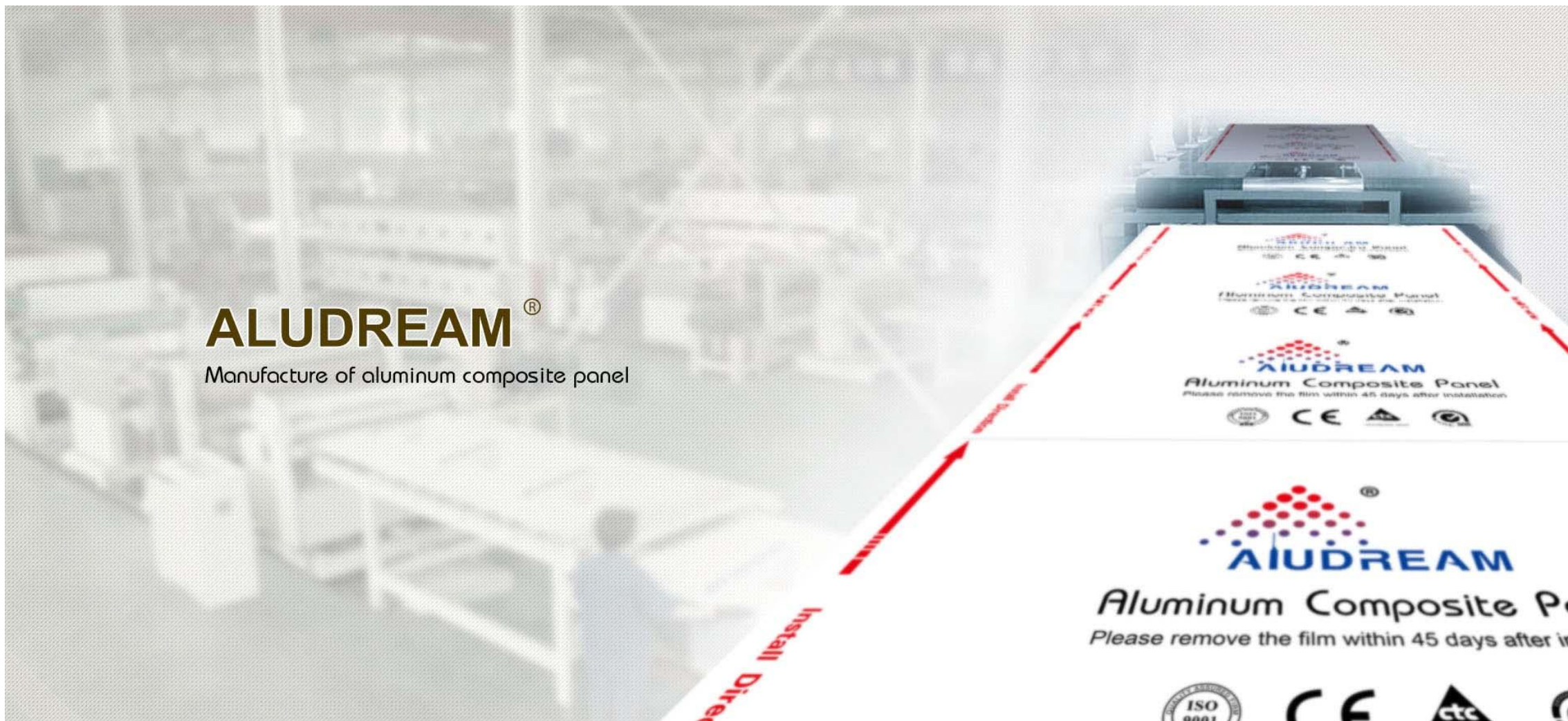
Since the company was founded, the enterprise has been certified by ISO9001:2008 International Quality Management System, ISO14001:2004 International Environment Management System, OHSAS18001:2001 Occupation Health Safety Management System, and the products quality get approvals of CE, The products have been approved by SGS Fireproof Grade B1, and excellently approved by the sampling inspections by China Building Material Testing Center and China Quality Supervision & Testing Center, the Insurance Company PICC insure for our products. The quality and marketing of our products have been upgraded to a higher level.

Aludream! Choose us, Choose Future!

ABOUT US

ALUDREAM[®]

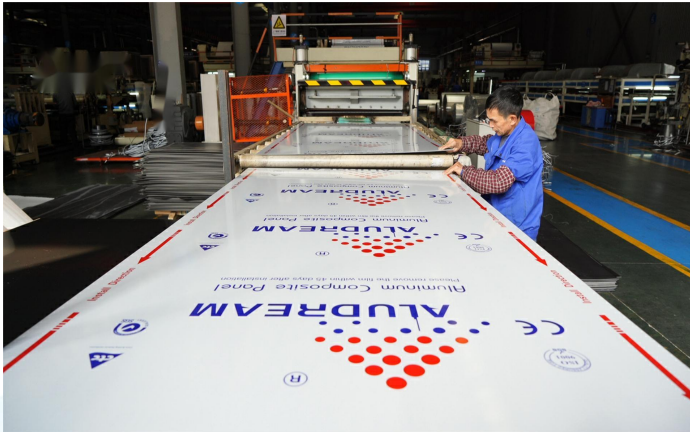
Manufacture of aluminum composite panel



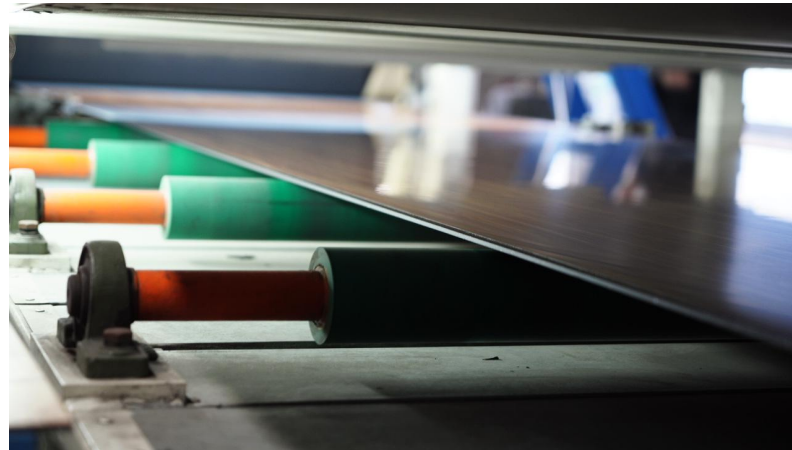
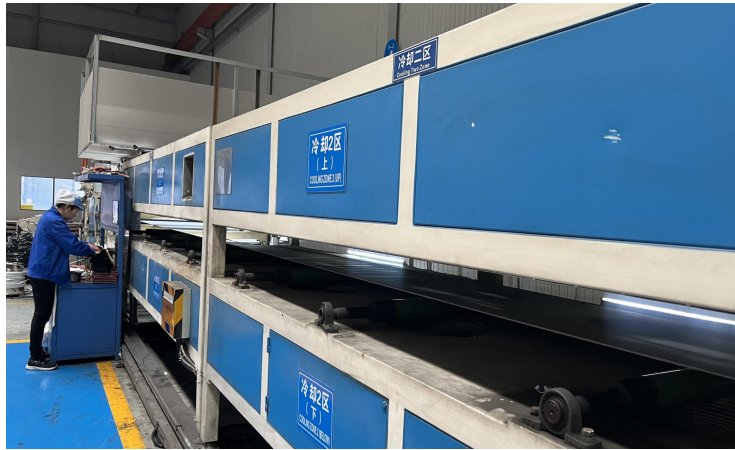


Shanghai Aludream Building Material Co., Ltd is a diversified company integrating industry, trading, scientific research, investment and service. The company mainly produce **Aluminum Composite Panels**, Fireproof Aluminum Composite Panels, Advertisement and Signboard sheets, coated and mill finished Aluminum Sheets, Aluminum Ceilings and Roof, aluminum coil, Metallic finish insulation boards etc. The annual production capacity of over 12 million square meters. With the sales network spread domestic and abroad. such as North America, Australia, Southeast Asia, European Union, South American, Mid East etc. Our products have been widely used in the large and landmark constructions in China and the world, also are in sign industry, and have been greatly recognized by customers.

Our Factory



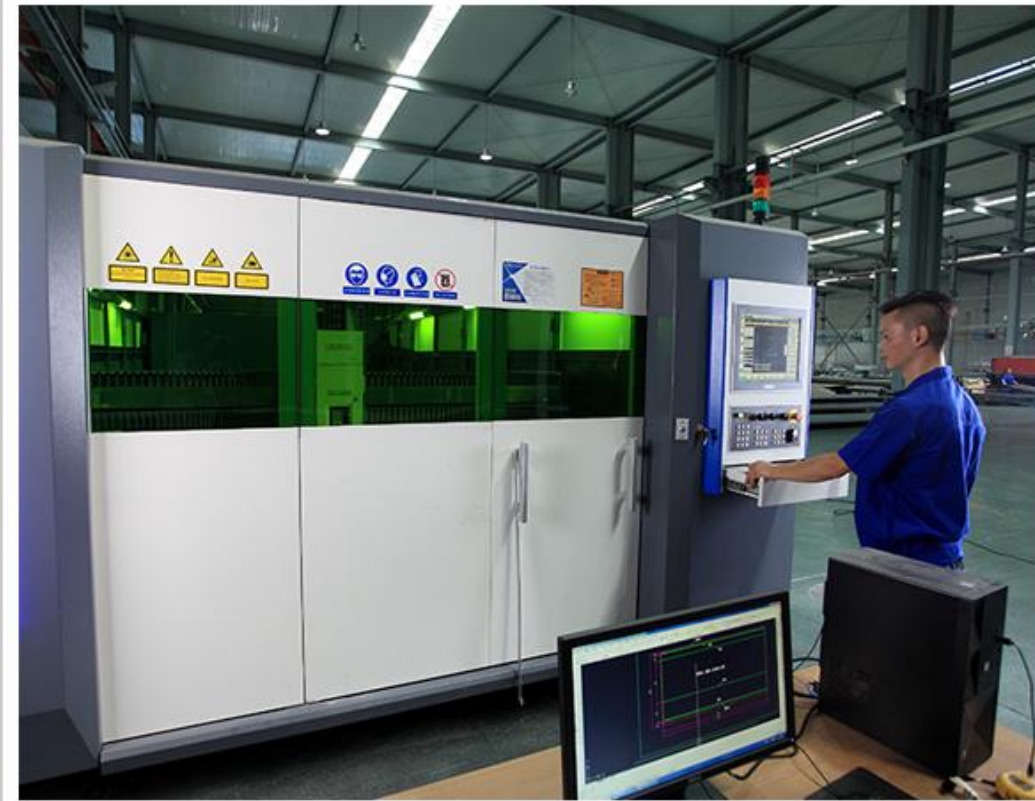
Production Machines



Production Machines



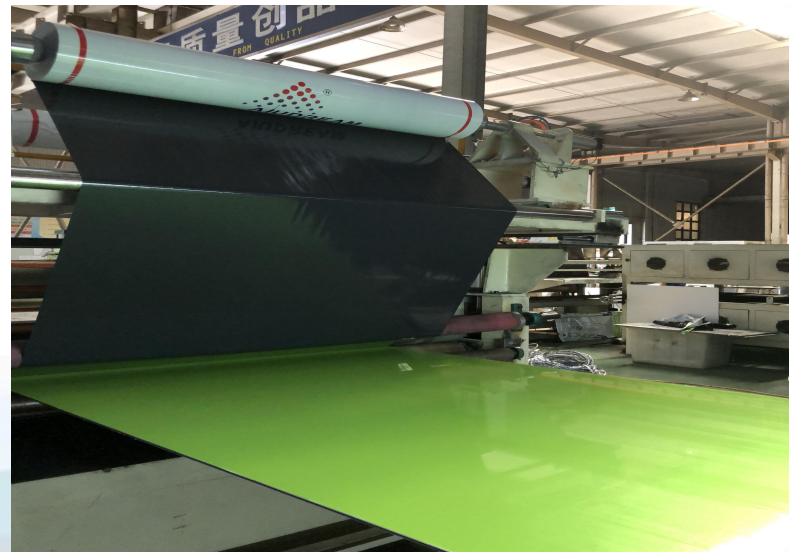
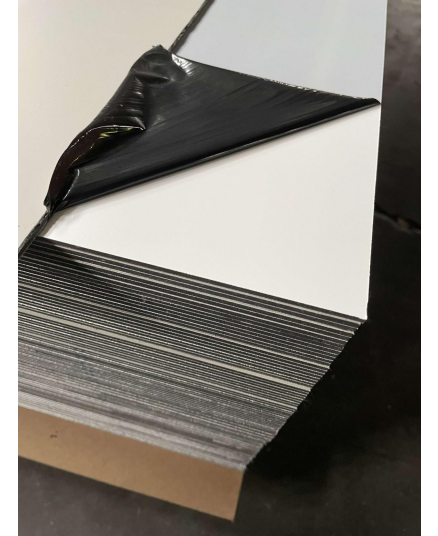
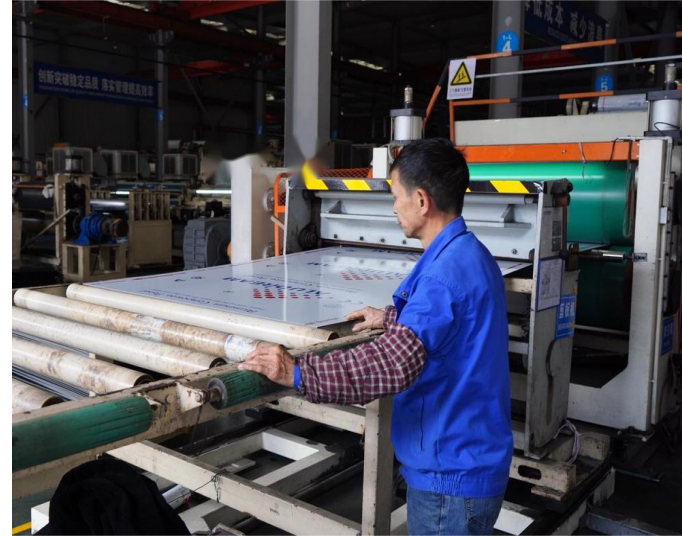
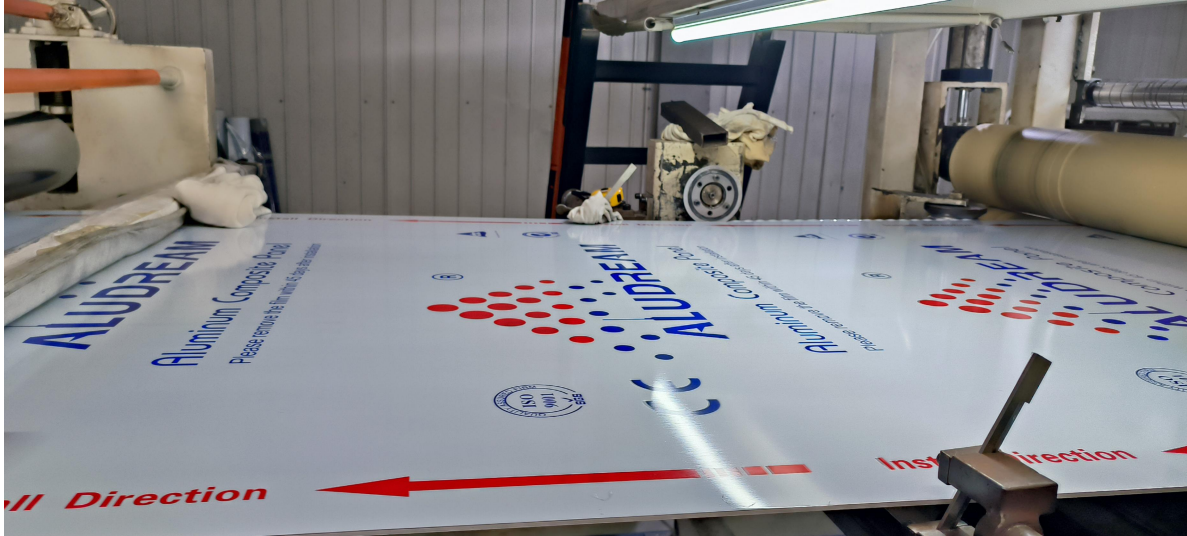
Aluminum Coil Coating



Aluminum Coil Warehouse



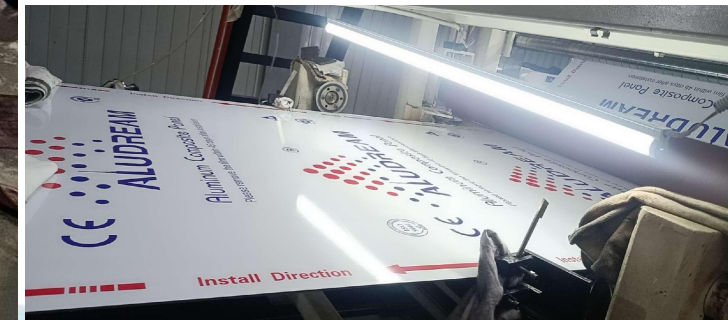
Warehouse and Packing



Warehouse and Packing



SPECS: 1220x2850x4mm
Alu: 0.40*0.40mm
Core: B1 Fireproof



Warehouse and Packing



Warehouse



Container loading Method

1x20GP IN BULK



1x20GP WOODEN PALLET



Container loading Method

1x40GP/HQ wooden pallet



1x40GP in bulk



Our Certificate



Quality Management System Certification

Certificate Registration No: 28723Q00460R0S

Hereby certify that

SHANGHAI ALUDREAM BUILDING MATERIAL CO.,LTD

Unified social credit code: 9131000058206939X5

Registration Address, ROOM 3E-1624, NO 2123 PUDONG AVENUE, PUDONG DISTRICT, SHANGHAI, CHINA 200100
Business Address, ROOM 1006, LANE 2229 SONGZE AVENUE, QINGPU DISTRICT, SHANGHAI, CHINA 201702

Quality management system in line with

ISO 9001:2015 standard

Scope of Certification

**Building Materials Aluminum composite panel, Aluminum
honeycomb panel, aluminum sheet**

Technical domain code: 29

Date of Issue: 17-11-2023 Date of Expiry: 16-11-2026

The certified customer shall be subject to the supervision and audit of the certification authority at least once a year during the validity period of the certificate, and the certificate can only be valid continuously. The certificate is valid within the validity period of various administrative licenses and qualifications stipulated by the state



Zhongzheng Excellent Certification Group Co., Ltd.

Room 2-1801, Floor 15 Majiapu West Road, Pengtai District, Beijing, China, Tel: 010-67561990

Please scan QR code or access the official website www.zycc.net to verify the validity of the certificate.

It is available to verify the particulars of the certificate on CNCA's official websites, www.cnca.gov.cn

The certificate information can be verified in the IAF management system certification and accreditation query database "IAF Certsearch" www.iafcertsearch.org



VERIFICATION OF CONFORMITY

S/N: 006970

No.: **ICR/VC/HS231162**

Name and address of Applicant SHANGHAI ALUDREAM BUILDING MATERIAL CO.,LTD
ROOM 3E-1624, NO 2123, PUDONG AVENUE, PUDONG DISTRICT, SHANGHAI, CHINA

Name and address of manufacturer: SHANGHAI ALUDREAM BUILDING MATERIAL CO.,LTD
ROOM 3E-1624, NO 2123, PUDONG AVENUE, PUDONG DISTRICT, SHANGHAI, CHINA

Product name: ALUMINUM COMPOSITE PANEL, ALUMINUM HONEYCOMB PANEL, ALUMINUM SOLID SHEET

Product types: ALUMINUM COMPOSITE PANEL, ALUMINUM HONEYCOMB PANEL, ALUMINUM SOLID SHEET

Product trademark: ALUDREAM

Verification was carried within following scope:

Information on the Declaration of Conformity:

Result: **Legislation:** **Standard:**
✓ CPR EN 15088:2005

The assessment process has been carried out in accordance with individual rules and conditions agreed with the applicant. Evaluation has been carried out in accordance with:

Test report(s): ACPTCF1120-CPR
Tests conducted by: SHANGHAI ALUDREAM BUILDING MATERIAL CO.,LTD

Issue date: 27.11.2023
Expiration date: 26.11.2028

Remarks:
• VoC was issued on voluntary basis and does not imply meeting all essential requirements listed in Declaration of Conformity.



Yueyong Jun

CEO, ICR Co. Ltd.

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www.icrpolska.com
cert@icrq.com



Edition: 5.1.08 of 01.03.2023



质量管理体系认证证书

证书注册号: 28723Q00460R0S

兹证明

上海雷纳邦建材有限公司

统一社会信用代码: 9131000058206939X5

注册地址: 中国(上海)自由贸易试验区浦东大道2123号3E-1624室 邮编: 200100
经营地址: 上海市青浦区徐泾镇裕泽大道2229弄25号T2楼【1006】室 邮编: 201702

质量管理体系认证符合
ISO 9001:2015 标准
管理体系认证所覆盖范围

建筑材料(铝塑板、铝蜂窝板、铝板)出口
技术领域代码: 29

颁证日期: 2023年11月17日 有效期至: 2026年11月16日

获证客户在证书有效期内每年至少接受一次本认证机构的监督审核, 此证书方可持续有效;

证书在国家规定的各类行政许可、资质有效期内使用有效



中正卓越认证集团有限公司

中国 北京市丰台区马家堡西路15号15层2-1801 电话: 010-67561990

证书有效状态查询可扫描证书二维码或登录公司网站 www.zycc.net

本证书信息可在中国国家认证认可监督管理委员会官方网站 www.cnca.gov.cn 查询

本证书信息可登录 IAF 管理体系认证认可查询数据库 "IAF Certsearch" 进行查询 www.iafcertsearch.org

Our Certificate

CERTIFICATE



Kynar 500[®]
polyvinylidene fluoride based coatings

KYNAR 500[®] LICENSE CERTIFICATE



PPG COATINGS (TIANJIN) CO., LTD.

Has successfully met all requirements set forth by Arlona Inc. and has been licensed to produce coatings containing a minimum 70% KYNAR 500[®] PVDF resin for the years 2016 - 2017.



KYNAR500[®]
PPG

Our Team



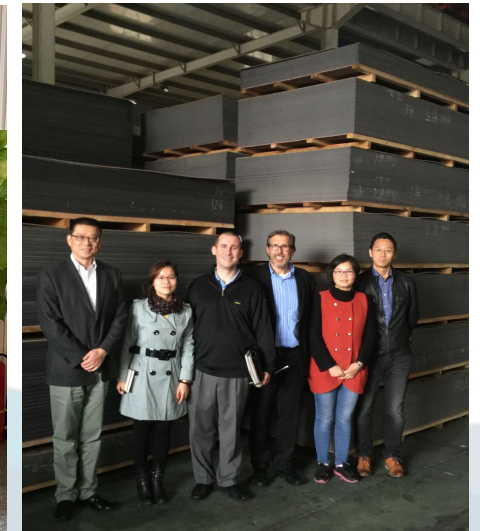
Our Team



Our Team Building



Customers visiting



Comments from buyers

(Real customer orders from Alibaba)

Full star rating

The screenshot displays the supplier profile for Shanghai Aludream Building Material Co., Ltd. on Alibaba. The profile features a 5.0 star rating with 1 review. The 'Supplier Service' section shows a 5.0 star rating for 'Supplier Service', 'On-time Delivery', and 'Product Quality'. The 'Transactions' section includes a line graph showing the number of transactions from Sep to Aug, and a bar chart showing the number of transactions by country/region. The 'Transaction Details' table lists transactions to various countries including Canada, Djibouti, Thailand, Poland, Sierra Leone, and Cote D'Ivoire. The 'Export Markets' section shows a bar chart of transactions by country. The 'Transaction Details' table is as follows:

Shipping Destination	Transaction Value	Transaction Date
Canada	USD \$**.**	08/23/2021
Djibouti	USD \$**.**	08/16/2021
Djibouti	USD \$**.**	08/12/2021
Thailand	USD \$**.**	08/11/2021
Poland	USD \$**.**	08/04/2021
Sierra Leone	USD \$**.**	08/03/2021
Cote D'Ivoire	USD \$**.**	07/29/2021
Cote D'Ivoire	USD \$**.**	07/29/2021

The 'Customer Reviews' section shows several 5-star reviews from buyers, including Jack Li and July Ying, praising the supplier's service and product quality. A large red 'FEEDBACK' stamp is overlaid on the transaction details table.

Quality assurance

From the material outsourcing to the production of semi-finished products and to the packaging and release of products, Technology is provided with the first-rate testing center of China for the control over every link to stop unacceptable products from flowing into the market.

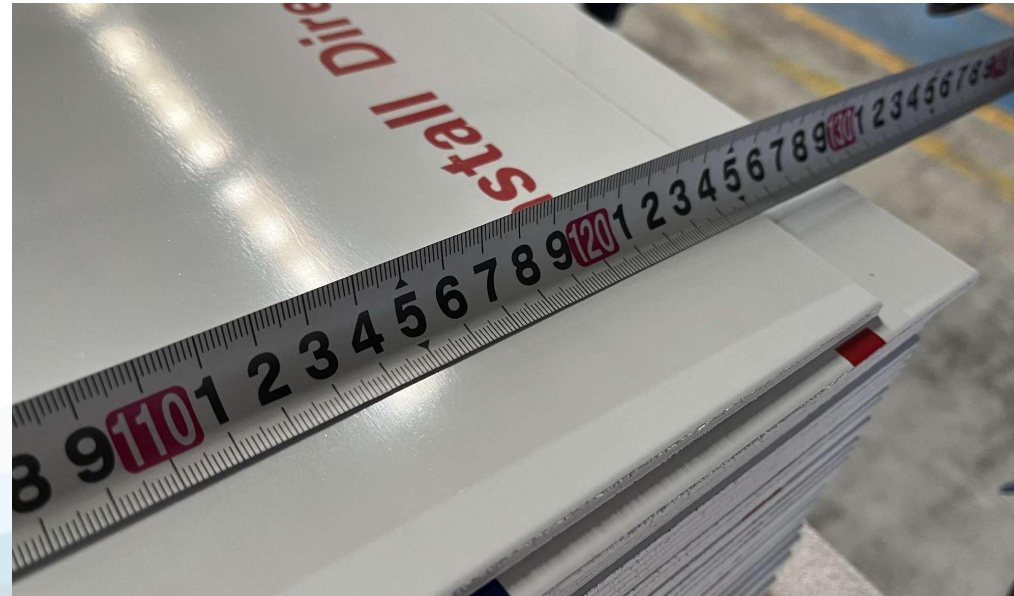
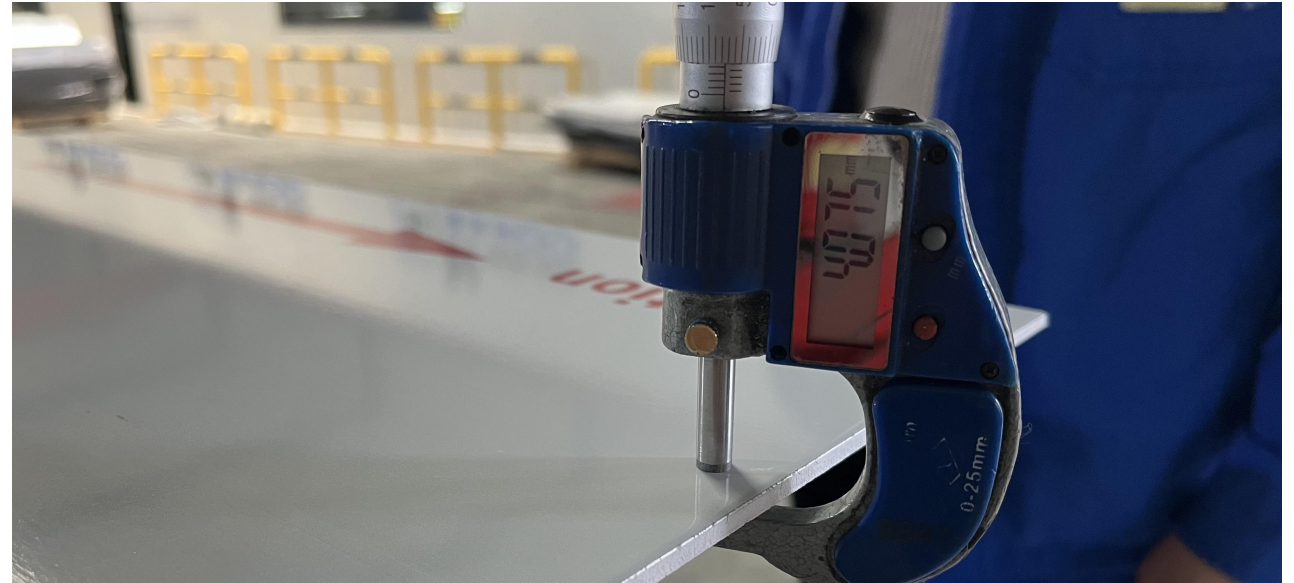
Technical Expertise



Research and Development



Quality Test



Quality Test



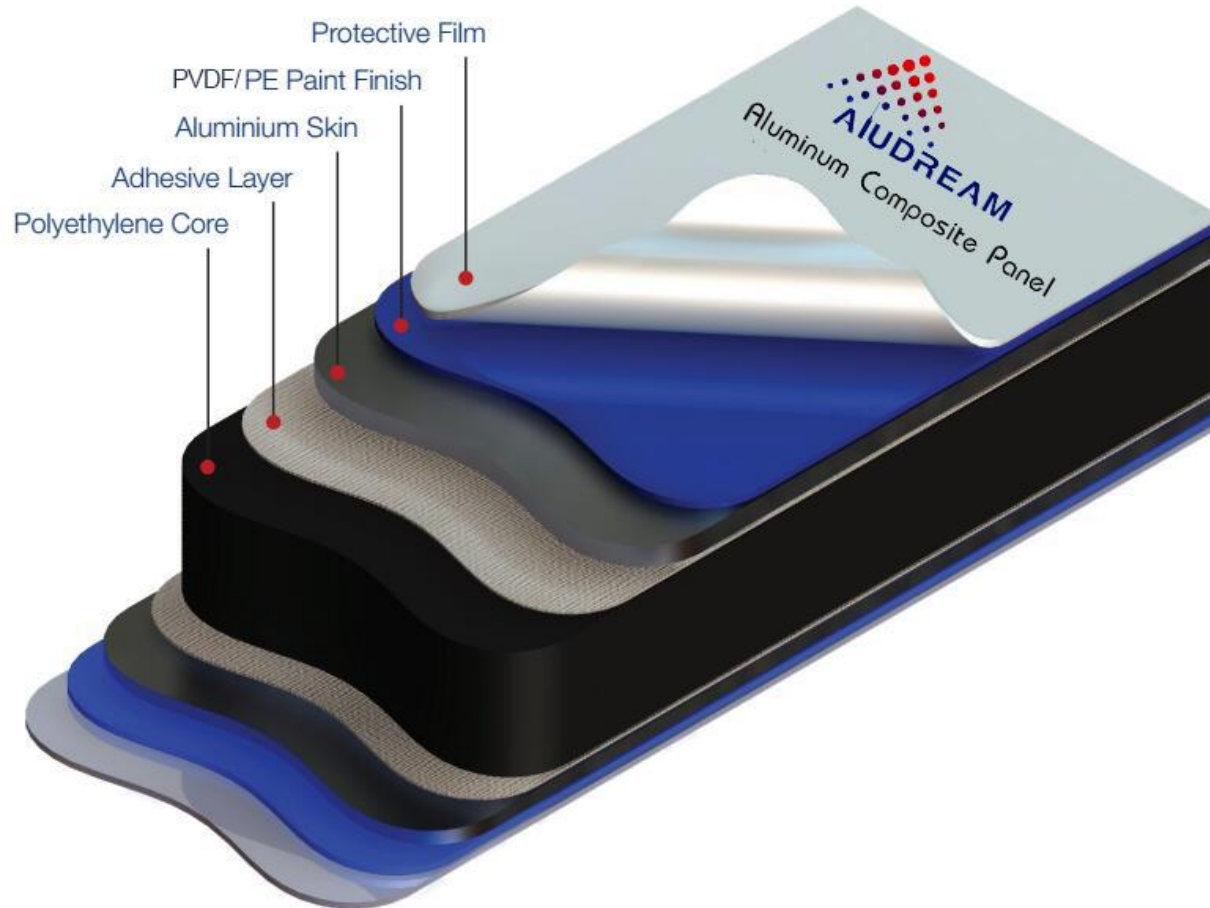
Material Information Sheet

Popular Width Size	Panel thickness	Aluminum thickness
1000/1220/1250/1500/2000mm	2mm	0.05-0.20mm
1000/1220/1250/1500/1525/2000mm	3mm	0.10-0.30mm
1000/1220/1250/1500/1525/1550/1575/2000mm	4mm	0.20-0.50mm
1000/1220/1500/1550mm	5mm	0.20-0.50mm
1220/1500mm	6mm	0.20-0.50mm
1220/1500mm	7mm	0.35-0.50mm
Another 8mm ,10mm, 12mm etc, Max 15mm.		
Length can make as your demand , such as 2440mm,3660mm,4880mm,5000mm,6000mm etc, Max as 11500mm.		
Color: our color card or Sample matching or RAL,Pantone or RGB data etc.		
MOQ: 50 sheets in one normal color if in stock, welcome to contact for inquiry.		



ALUDREAM COMPOSITION STRUCTURE

Composite panel has a three layer composite structure, The top and bottom layers are covered aluminum sheet. The middle core is low-density polyethylene. Panel is painted in colour of choice



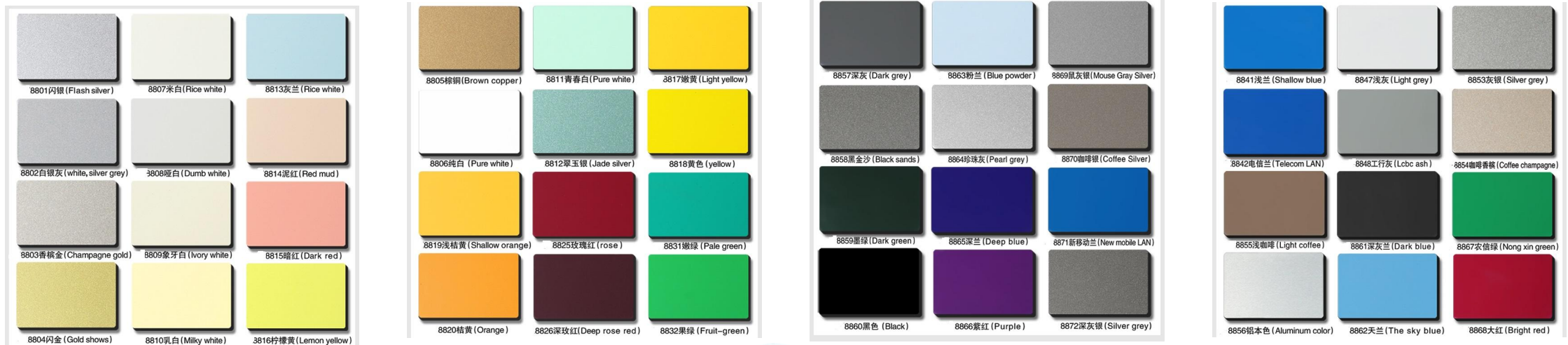
Coating	PE/PVDF/Nano/FEVE
Protection film	OEM/Aludream/Neutral
Aluminum Skin	0.10/0.20/0.30/0.40/0.50mm
Middle Core	LDPE/B2,B1 Fireproof/A2 FR
Back side	Primer/PE/PVDF
Can make Special Demand	

Aludream Aluminum Composite Panel Coating kinds

1. PE (polyester) Coating

PE coating is an UV-resistant coating. It can be classified matte and glossy according to coating gloss. The compact molecule structure, makes paint surface luster and smooth, which assure good printing on the panel surface.

With an warranty of 8-10 years for weather resistance, it is specially applied for internal decoration, signage and shop front etc.



2. PVDF Coating

PVDF it is made of fluorine carbon resin, pigment, ester solvent, after high temperature roasting and baking, the paint is solidified to dry film with super weather resistance. PVDF coating also can be classified as traditional PVDF and nano PVDF coating.

①. **Traditional PVDF coating**, it is with KYNAR500 PVDF, two or three times for coating and baking, has good properties of anti-acid, anti-alkali and is durable in atrocious weather and environment, keeping 15 years no unwanted fading. In view of these facts, we recommend this panel applied for exterior wall cladding.

②. **Nano PVDF coating**, it is different with traditional PVDF is the clear coating. It contains nano element, which can protect panel from pollution, because nano has self-cleaning effect, It easy to get rid of dust and pollution by raining or water.



PVDF Coated ACP

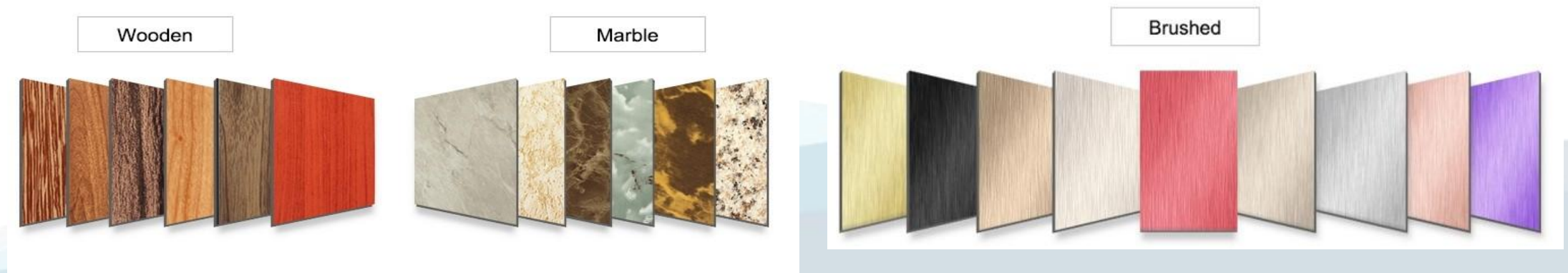


3. Nacreous coating

Nacreous coating is formed by adding one more layer of nacreous paint on the basis of high-quality PE coating, and the surface glossiness is around 90° . The combination of glossy coating and nacreous coating makes the panel surface brilliant when the light irradiate on the panel. Premium material particularly applied to curtain wall construction, indoor as well as outdoor decoration, exhibition display, shop front, cabinet etc. It is an excellent choice for the places which highly demand the surface glossiness. The weather resistance tenor is eight to ten years.

4. Other Special colors coating

- ① Brushed panel. It has silver, gold, brown brushed etc.
- ② Granite panel.
- ③ Mirror finish panel. silver, gold and black mirror are popular.
- ④ Wood finish panel.



Product Features

1. ECONOMY

With the use of quality coating, aluminum-plastic panels are dispensed with longtime maintenance, thus having saved the maintenance expenditures of modern high-rise constructions. Due to the serious pollution in cities in our country, they may need to be maintained and cleaned several years later. Being easily cleanable, they can be cleaned by neutral cleaning agent and clean water, and come out to be fairly new after cleaned.

2. DURABILITY

Fluorocarbon coated aluminum plastic composite panels are featured by high durability, good resistance against weather, high temperature, wear and pollution etc.

3. FLATNESS

Aluminum plastic composite panels are given smooth surface to meet the top-grade enjoyment of modern constructions.

4.LIGHT WEIGHT

Aluminum plastic composite panels are composite of aluminum and plastics,which is lighter than other decorating materials,thereby to facilitate the installation work and shorten the construction period.

5.EASYINSTALLATION

Aluminum plastic composite panels can be easily cut,grooved,and bent into arc or right-angled shapes to meet the requirements of decoration.

6.NON INFLAMMABLE

The non inflammable external aluminum sheets offer protection to polyethylene core material,and cut off heat conduction in the initial stages of combustion,with flame resistance up to international standard.

7.DESIGN PERFORMANCE

If requested by customers,aluminum-plastic panels can be made to different colors.

8.ENVIRONMENTAL- FRIENDIY

No changes in surface coating,no pollution to the environment.

Technical Properties

Thickness		2mm	3mm	4mm	5mm	6mm
Aluminum skin	[mm]	0.20		0.50		
Weight	[kg / m ²]	2.60	4.0	4.68	6.55	7.60
Section modulus	W [cm ³ / m]	0.91	1.25	1.75	2.10	2.75
Rigidity	EJ [kNcm ² / m]	880	1250	2400	3250	5900
Width (standard size)	[mm]	1220 / 1250 / 1500				

Mechanical Properties of Aluminum Cover Sheets:

Alloy		A1100/A3003
Modulus of elasticity		7,000 kg / mm ²
Tensile strength of cover sheets	[N/mm ²]	Rm ≥ 130
Proof stress	[N/mm ²]	Rp0.2 ≥ 90
Elongation		A50 ≥ 5%
Linear expansion		2.4mm/m at 100°C temperature
Yield strength		15.5 kg / mm ²

Physical Properties:

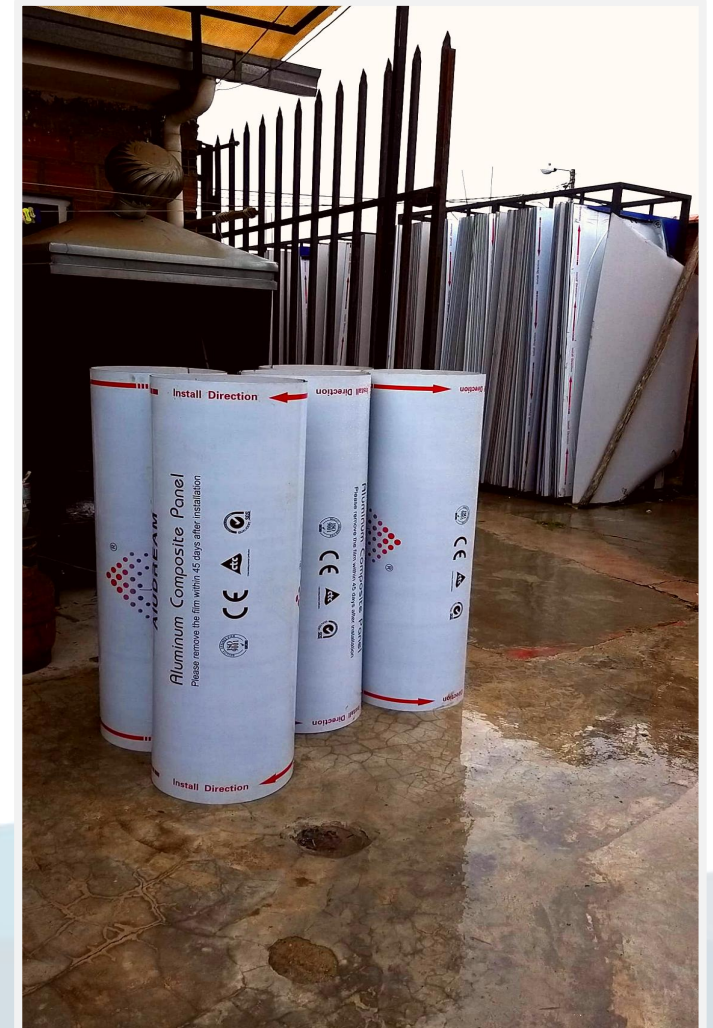
	Test Value
Bending strength	119 Mpa
Bending modulus of elasticity	3.48×10^4
Penetrating resistance	9.9KN
Shearing strength	32.8Mpa
180° peel strength	11.4N / mm
Thermal expansion coefficient	1.6×10^{-5}
Temperature of thermal	112 °C
Temperature resistance	-40 °C to +80 °C

Application

- Signage
- Advertising Boards
- Exterior Cladding
- Metal Facades
- Interior Decoration
- Industrial Usage
- Architecture



Projects in Bolivia/Estonia



Projects in Canada For Apartment/House



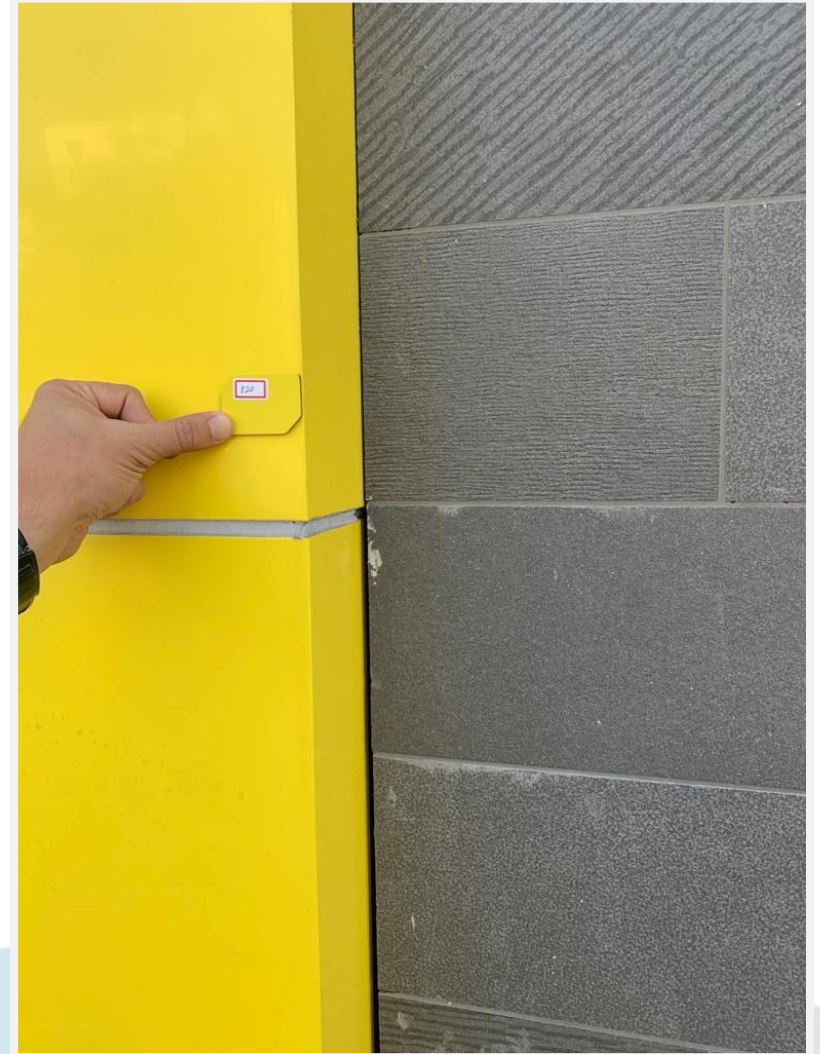
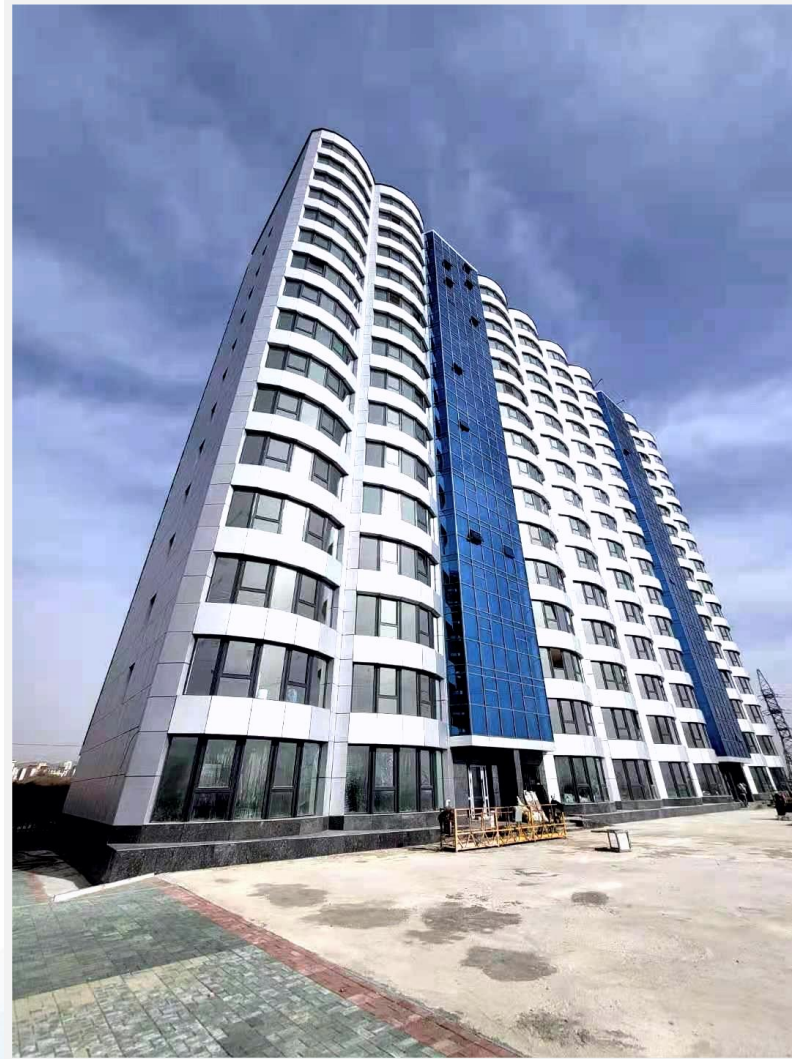
Our Facades Projects-Popular Grey and Black in Canada for House



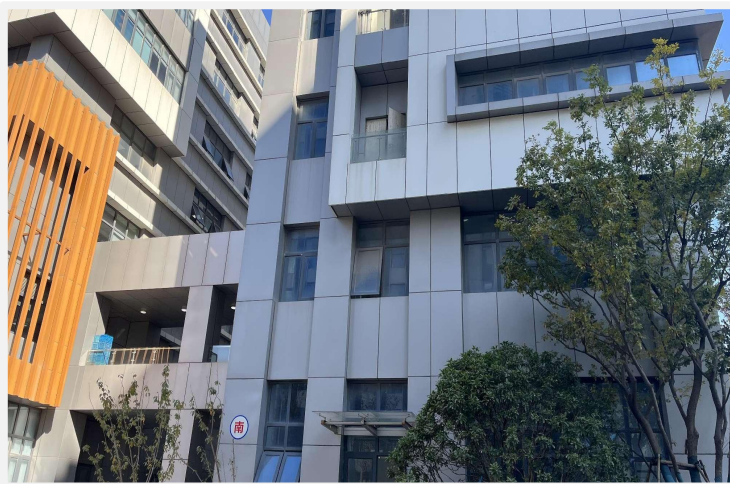
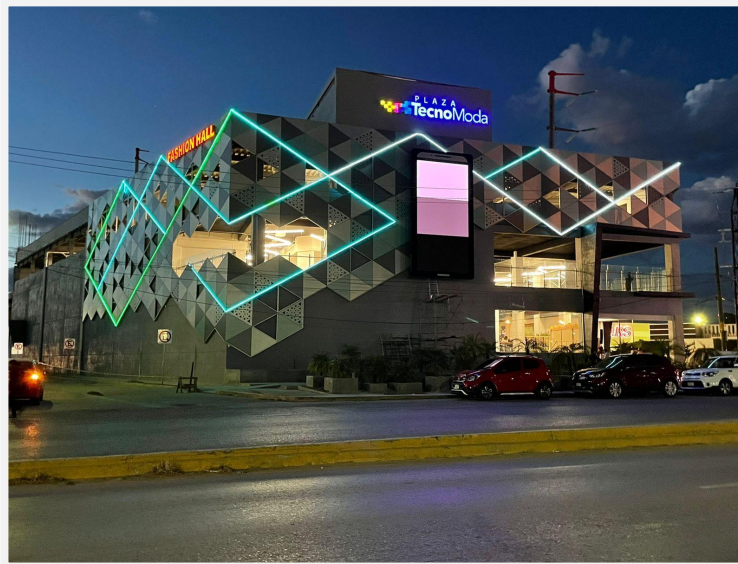
Exterior Signage for Gas station, 4S shop. Commercial Shop.



Aludream brand Projects in Mongolia/Dominican Republic












Aludream Aluminum Composite Panel Projects in Mexico/Guatemala



Aludream Solid/Metallic Color Chart

Shanghai Aludream Building Material Co., Ltd.
Normal color has 60 kinds, special color could be customized

		
闪银(801 Silver Metallic)	鼠灰银(805 Rat Silver)	纯白(813 Pure White)
		
白银灰(802 Silver Grey)	闪金黄(809 Sparkle Gold)	乳白(814 Milk White)
		
香槟银(807 Champagne Silver)	元宝金(810 Pure Gold)	哑白(816 Off White)
		
香槟金(804 Champagne Gold)	黄铜(811 Brass)	象牙白(815 Ivory White)
		
咖啡香槟(808 Coffee Champagne)	棕铜(812 Bright Brass Metallic)	米黄(817 Beige)

Shanghai Aludream Building Material Co., Ltd.
Normal color has 60 kinds, special color could be customized

		
浅黄(819 Buff)	粉红(825 Pink)	紫红(832 Violet Red)
		
嫩黄(820 Yellow Cream)	绯红(826 Scarlet)	浅玫红(833 Pale Rose)
		
黄色(821 Pure Yellow)	玫瑰红(828 Rose Red)	深玫红(834 Dark Rose)
		
柠檬黄(822 Lemon Yellow)	中国红(829 Chinese Red)	酒红(835 Wine Red)
		
桔红(824 Jacinth)	大红(830 Pure Red)	紫雪青(853 Lilac)

Shanghai Aludream Building Material Co., Ltd.
Normal color has 60 kinds, special color could be customized













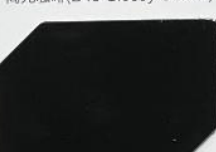


		
黄绿(838 Yellow Green)	粉兰(843 Pink Blue)	浅兰(849 Light Grey)
		
电信绿(839 Telecom Green)	天兰(844 Sky Blue)	湖水兰(845 Lake Blue)
		
果绿(840 Apple Green)	芬兰绿(846 Finland Green)	电信蓝(850 Telecom Blue)
		
翠绿(841 Jade Green)	电网绿(847 Grid Green)	深蓝(851 Deep Blue)
		
邮政绿(842 Post Green)	墨绿(848 Black Green)	深灰蓝(854 Profile Grey)

Aludream Matte/Brushed/Glossy Mirror/Wooden Color Chart

Shanghai Aludream Building Material Co., Ltd.
Normal color has 60 kinds, special color could be customized

 工行灰(855 Bank Grey)	 浅灰(851 Light Grey)	 银拉丝(867 Brushed Silver)
 深灰(856 Dark Grey)	 浅咖啡(864 Light Coffee)	 金拉丝(868 Brushed Gold)
 灰银(857 Pale Silver)	 咖啡(865 Coffee)	 棕拉丝(869 Brushed Brown)
 深灰银(858 Dark Grey Silver)	 黑金沙(860 Sparkle Black)	 古铜拉丝(870 Brushed Copper)
 咖啡银(859 Coffee Silver)	 黑色(866 Pure Black)	 黑拉丝(872 Brushed Black)

Shanghai Aludream Building Material Co., Ltd.

 高光工行灰(B46 Glossy Bank Grey)	 银镜面(B56 Silver Mirror)	 深柚木(B24 Dark Teak)
 高光深灰(B47 Glossy Dark Grey)	 金镜面(B58 Gold Mirror)	 樱桃木(B22 White Pine)
 高光浅咖啡(B48 Glossy Light Coffee)	 珠光白(B51 Pearl White)	 胡桃木(B27 Cherry)
 高光咖啡(B49 Glossy Coffee)	 珠光黑(B55 Pearl Black)	 柚木(B23 Teak)
 高光黑(B50 Glossy Black)	 红樱桃(B25 Red Cherry)	 酸枝木(B28 Rose Wood)

Shanghai Aludream Building Material Co., Ltd.

 高光白(B31 Glossy White)	 高光浅灰(B36 Glossy Light Grey)	 高光湖蓝(B41 Glossy Lake Blue)
 高光乳白(B32 Glossy Milk)	 高光桔红(B37 Glossy Tangerine)	 高光电信绿(B42 Glossy Telecom Green)
 高光浅黄(B33 Glossy Buff)	 高光红(B38 Glossy Red)	 高光绿(B43 Glossy Green)
 高光黄(B34 Glossy Yellow)	 高光酒红(B39 Glossy Wine Red)	 高光浅蓝(B44 Glossy Light Blue)
 高光柠檬黄(B35 Glossy Lemon Yellow)	 高光玫红(B40 Glossy Pale Rose)	 高光蓝(B45 Glossy Blue)

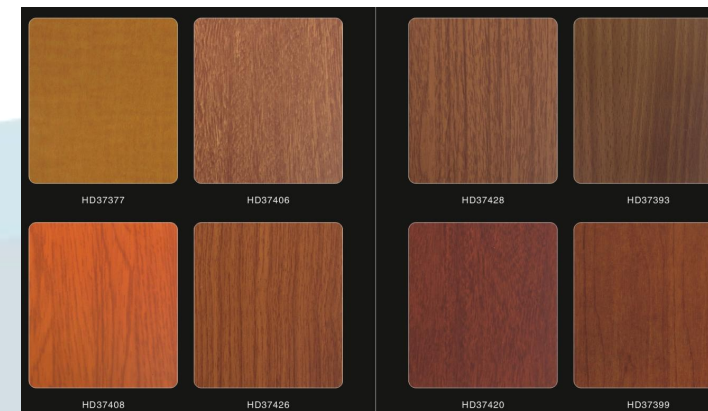
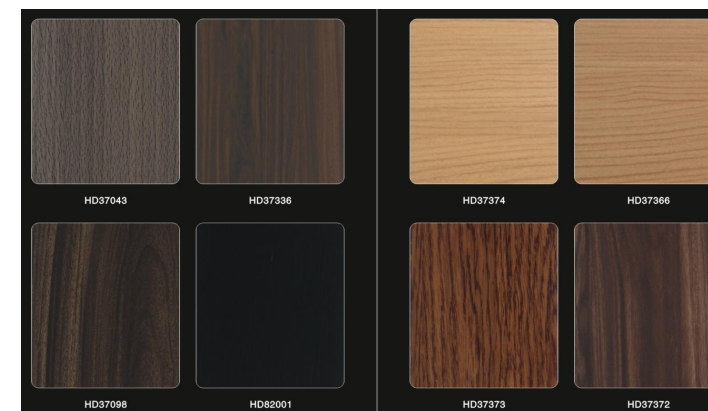
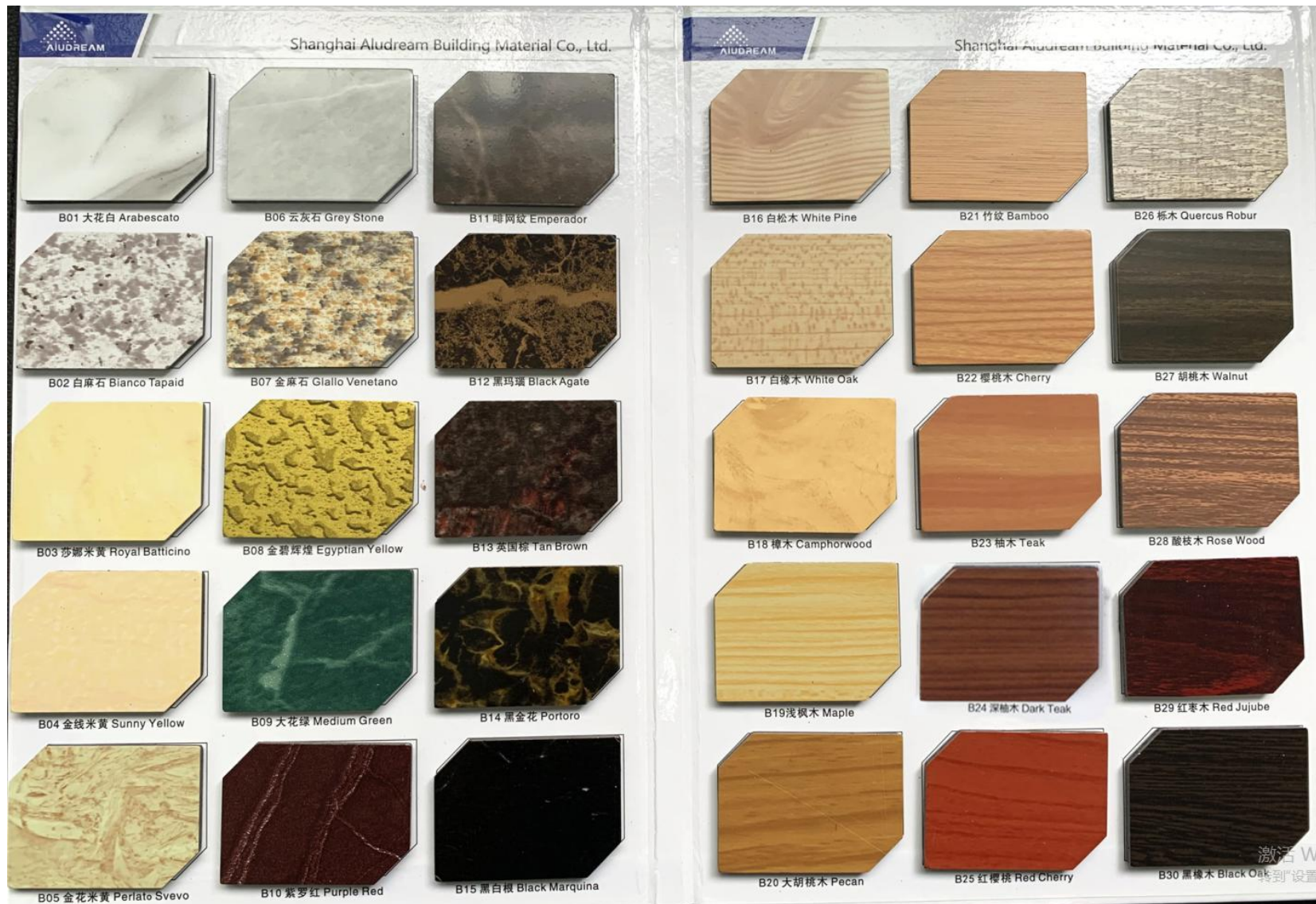
Aludream Solid/Metallic Color Chart



Aludream Glossy/Special Colors



Aludream Marble/Wooden Color



激活 Wi
转到“设置”

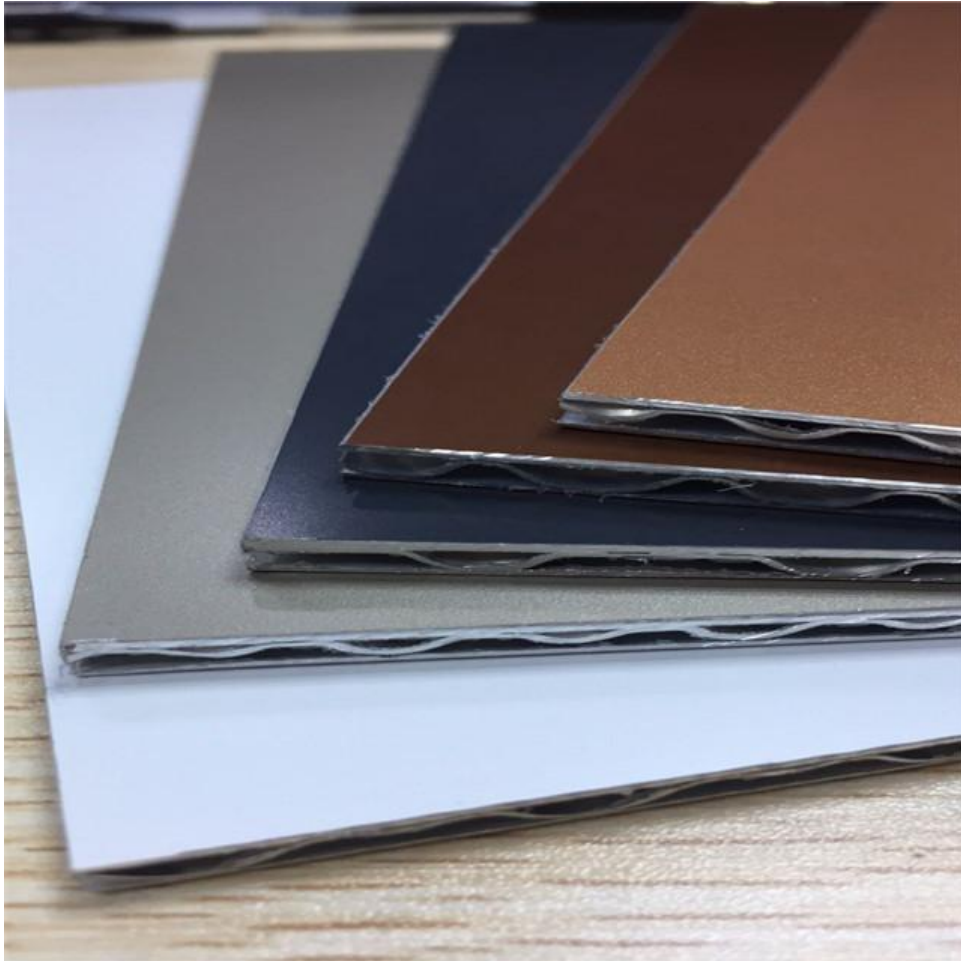
Customized Color-RAL/PANTONE/MATCH AS YOUR SAMPLE/RGB DATA



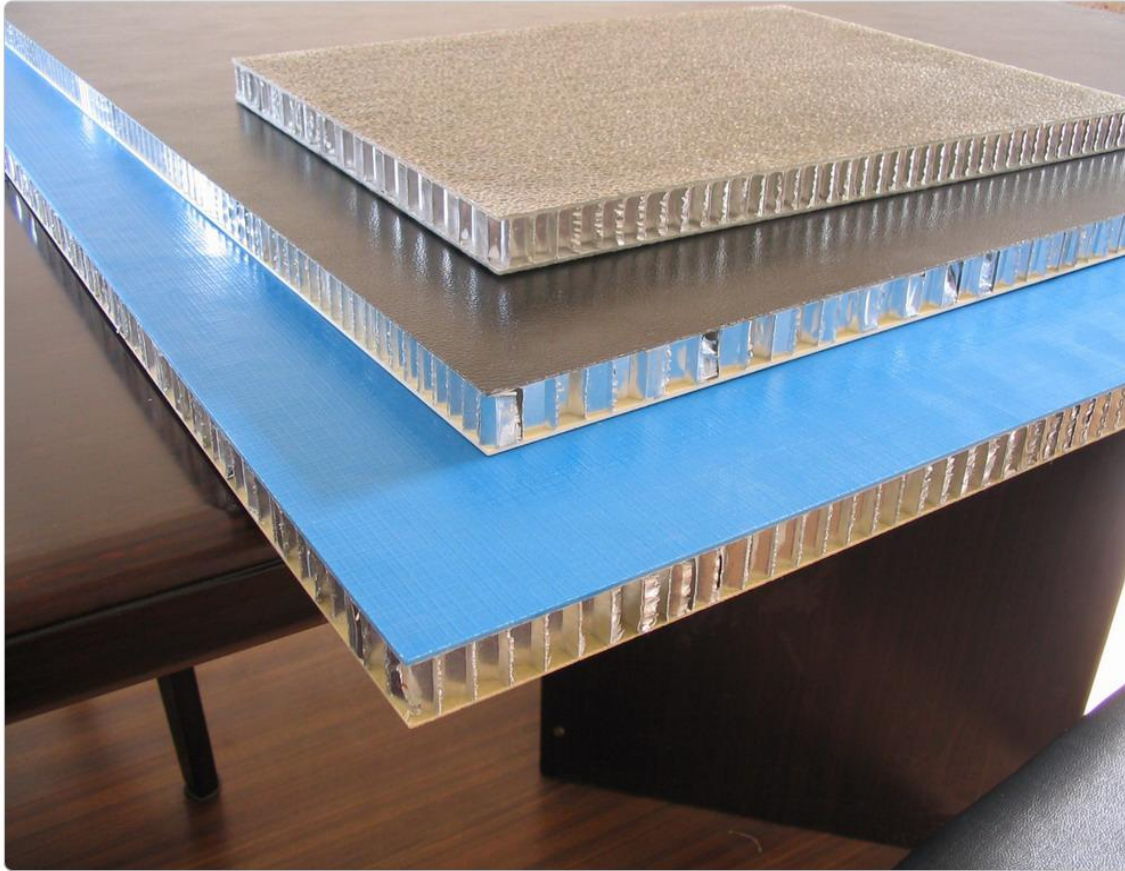


More Products

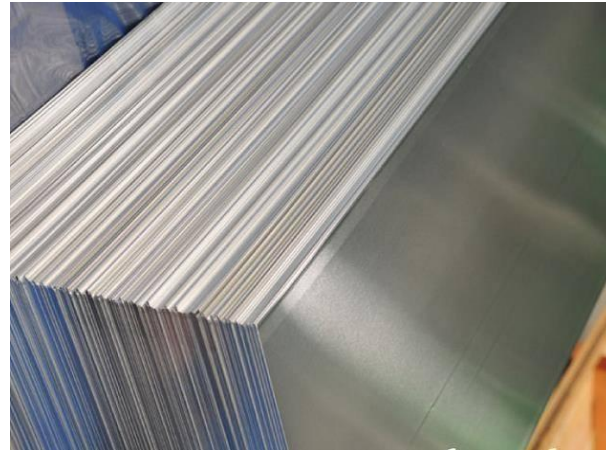
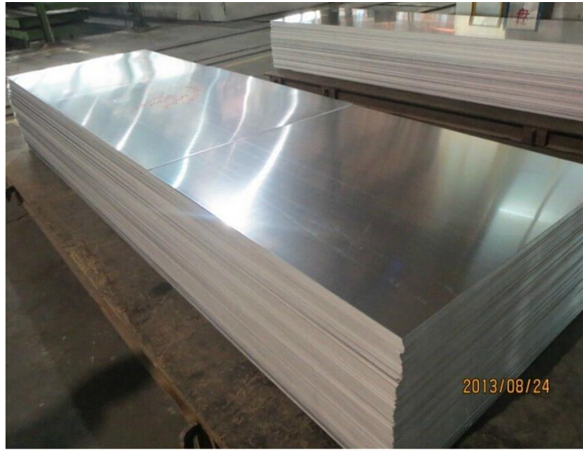
A2 FR Aluminum Lattice Composite Panel



Aluminum Honeycomb Panel



Aluminum Sheet



Mill finish Aluminum Coil



Color Coated Aluminum Coil

STANDARD ALLOY TYPE:

1100,1050,1060,1070
3003,3004,3005,3105
5005,5052,
6061,6063

STANDARD ALLOY
ONLY
DO
THE BEST

