



BLANCLINE

BLANCLINE PRODUCT RANGE 2023

BlancLine Aluminum
Composite Panel FR

BlancLine Aluminum
Composite Panel Premium

BlancLine Aluminum
Composite Panel Classical

BlancLine Aluminum
Composite Panel Bespoke Color

BlancLine Aluminum
Composite Panel Splash

BlancLine Aluminum
Composite Panel Interior

BlancLine Solid Aluminum
Panel Facade

BlancLine Aluminum
Honeycomb Panel

BlancLine Aluminum
Corrugation Panel

Blancline Aluminum Composite Panel FR



BLANCLINE ACP FR is a type of rigid 4mm thickness aluminum composite panel with A2 or B Level fire rating specially for construction and facade project. The surface is always PVDF or FEVE finish which could withstand harsh weather condition.

The product is of high rigidity and flatness and fit for various fabrication like grooving , bending, cutting, slotting for facade construction work.

Product Feature :

- Fire- Resistance
- Highly Rigid and Flat
- Durable PVDF Finish
- Strict Quality Control
- Various Color and Finish for Option
- Customize color and Size Service
- Cutting , Grooving, Perforation Service
- Test Report: EN13501, NFPA

Product Application

- ☒ Building Facade
- ☒ Architectural Signage
- ☒ Interior Fit-out

Technical Data Sheet

FR Rating	B LEVEL	A2 LEVEL
PANEL THICKNESS	4MM	4MM
ALUMINUM THICKNESS	0.5MM	0.5MM
WEIGHT(KG/m ²)	7.2	8.1
Sound Absorption	0.05	0.05
Sound Attenuation	26	26
Thermal Resistancem ² k/W	0.0103	0.0102
Core Material	> 75% Mg(OH) ₂	In compliance EN13501-1
Fire Norm	EN13501-1	EN13501-1
Tensile Strength of Aluminum	140-190 MPa	140-190MPa

Packaging

We try our best to reduce the use of plastic material for the product packaging to minimum for environmental protection and to comply with the packaging regular of our clients.

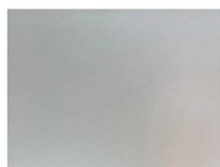
Specification Available

Finish	FR Rating	2440*1220	3050*1500	4050*1500	3050*2000	3050*2020
PVDF	B	✓	✓	✓	✓	✓
PVDF	A2	✓	✓	✓	×	×

Metallic Color



8700 Copper metallic



8711 Champagne metallic



8714 Sea green metallic



8762 Brushed silver



8781 Zinc light grey



corten II 8771

Solid Color



8719 YELLOW



8727 BLUE



8728 RED



8730 BLACK



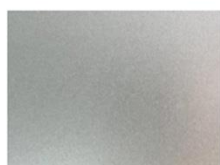
GOLD MIRROR



RAL7012



SILVER MIRROR 8763



8731 Bright silver metallic

Product Recycle

The aluminum material used for production of Blancline Aluminum Composite Panel FR can be 100% recycled to reduce the use of energy and emission of green house gas.

Blancline Aluminum Composite Panel Premium



Blancline ACM PREMIUM is type of high quality aluminum composite panel with panel thickness of 3mm or 4mm. And the aluminum surface is above 0.30mm thickness. With the finish of high durability PVDF or FEVE paint, the product fit for folding and engraving, and is widely applied to architectural signage , vehicle making and machine shell making.

Product Feature :

- Highly flat and rigid
- High weather resistance
- Exterior Warranty 10 years plus
- High glossy color available
- Suitable for folding, bending and engraving

Product Application

- ☒ Architectural signage
- ☒ Pylon signage
- ☒ Machine shell making
- ☒ Vehicle making

Technical Performance

PANEL THICKNESS	3MM	4MM
ALUMINUM THICKNESS	0.30MM	0.30MM
WEIGHT(KG/m ²)	4.39	5.54
Sound Absorption	0.05	0.05
Sound Attenuation	24	24
Thermal Performance R Value	0.008	0.008
Core Material	LDPE	LDPE
Fire Norm	Level C EN13501 -1	Level C EN13501 -1
Tensile Strength of Aluminum	140-190MPa	140-190MPa



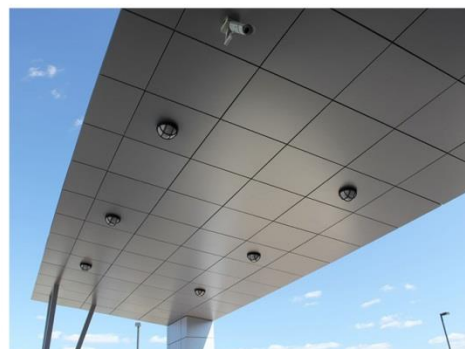
Size Tolerance

Panel Thickness	3MM	4MM
Width Tolerance (mm)	-0/+1.5	-0/+1.5
Length Tolerance (mm)	0/+3.0	0/+3.0
Diagonal Tolerance (mm)	≤3.0mm	≤3.0mm
Thermal Expansion	2.4mm/m@ 100°C difference	2.4mm/m@ 100°C difference
Aluminum Skin	+/-0.02mm	+/-0.02mm

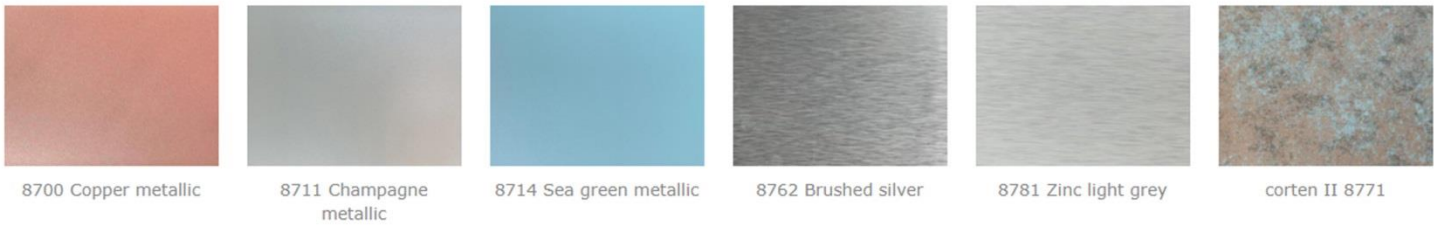


Specification Available

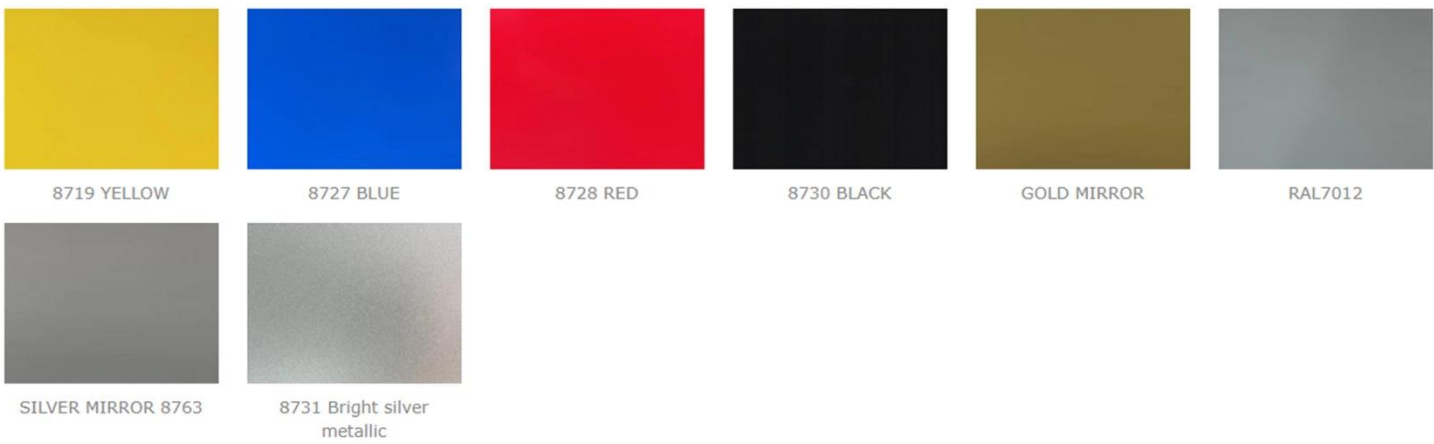
PAINT	2440*1220	3050*1500	4050*1500	3050*2000	3050*2020
PVDF	✓	✓	✓	✓	✓
FEVE	✓	✓	✓	✓	✓



Metallic Color



Solid Color



We try our best to reduce the use of plastic material for the product packaging to minimum for environmental protection and to comply with the packaging regular of our clients.

The BLANCLINE ACP PREMIUM product is in compliance with REACH AND ROHS STANDARD, and the surface finish does not contain lead, cadmium, chromium or mercury

Product Recyclability

The aluminum material used for production of Blan-cline Aluminum Composite Panel Premium can be 100% recycled to reduce the use of energy and emission of green house gas.

Blancline Aluminum Composite Panel Classical



BLANCLINE ACM CLASSICAL is a type of 3mm thickness composite panel with polyester finish of single or double sides coated . The product has wide application of digital printing, latex printing, shop fascia decoration, etc.

Product Feature :

- Good Panel Flatness
- Strict surface quality control
- Broad color option
- Specialty color matching

Product Application

- ☒ Digital Printing
- ☒ Latex Printing
- ☒ Signage making
- ☒ Shop front decoration
- ☒ Vehicle body making

Panel Property

PANEL THICKNESS	3MM	3MM
ALUMINUM THICKNESS	0.21MM	0.25MM
WEIGHT(KG/m²)	4.11	4.24
Sound Absorption	0.05	0.05
Sound Attenuation	24	24
Thermal Expansion	0.008	0.008
Core Material	LDPE	LDPE
Fire Norm	Level C EN13501-1	Level C EN13501-1
Tensile Strength of Aluminum	140-190MPa	140-190MPa



Size Tolerance

Panel Thickness	3mm	3mm
Width Tolerance (mm)	-0/+1.5	-0/+1.5
Length Tolerance(mm)	0/+3.0	0/+3.0
Diagonal Tolerance (mm)	≤3.0mm	≤3.0mm
Thermal Expansion	2.4mm/m@ 100°C difference	2.4mm/m@ 100°C difference
Aluminum Skin	+/-0.02mm	+/-0.02mm

Packaging

We try our best to reduce the use of plastic material for the product packaging to minimum for environmental protection and to comply with the packaging regulation of our clients.

Specification Available

PAINT	2440*1220	2550*1250	3050*1500	4050*1500	3050*2000	4050*2000
Thickness mm	2, 3, 4, 5, 6	2,3,4,5,6	2, 3, 4, 5, 6	2, 3, 4, 5, 6	3, 4	3, 4
Polyester	√	√	√	√	√	√

Colors and Finish



Digital White Glossy



Digital White Matt

The BLANCLINE ACP Classical product is in compliance with REACH AND ROHS STANDARD, and the surface finish does not contain lead, cadmium, chromium or mercury.

Product Recyclability

The aluminum material used for production of Blanline Aluminum Composite Panel Classical can be 100% recycled to reduce the use of energy and emission of green house gas.

Blancline Aluminum Composite Panel DUO



BLANCLINE ACM DUO COLOR is a specialty bespoke product with dual, triple or more colors on the same surface. The product is developed specially for the gas station project of Shell, TOTAL, etc.

Product Feature :

- Bespoke Multi Color
- Perfect rigidity
- Fit for bending and engraving

Product Application

- ☒ Gas Station Fascia
- ☒ EV Charge Station Fascia
- ☒ Shop Fascia

Panel Property

PANEL THICKNESS	3MM
ALUMINUM THICKNESS	0.3MM
WEIGHT(KG/m²)	4.4
Sound Absorption	0.05
Sound Attenuation	24
Thermal Expansion	0.008
Core Material	LDPE
Fire Norm	Level C EN13501-1
Tensile Strength of Aluminum	140-190MPa

Finish Property

Coating Type	FEVE
Coating Thickness (microns)	≥25
Pencil Hardness	2H
Rigidity of Finish	2T
Temperature Resistance	- 50°C-- 80 °C
Boiling water resistance	Boiling for 2H without change
Acid Resistance	Immerse 5%HCL for 24H without change
Alkali Resistance	Immerse 5% Na(OH)2 for 24H without change
Oil Resistance	Immerse with oil for 24H without change
Solvent Resistance	Clean 200 times with MEK without change
Peeling Strength	6.0 N/mm
Warranty	7 -10 years

Specification Available

PAINT	2440*1220	3050*1500	4050*1500	3050*2000	Bespoke size
FEVE	√	√	√	√	√

Colors and Finish



Packaging

We try our best to reduce the use of plastic material for the product packaging to minimum for environmental protection and to comply with the packaging regulation of our clients.

Product Recyclability

The aluminum material used for production of Blancline Aluminum Composite Panel DUO can be 100% recycled to reduce the use of energy and emission of green house gas.

The BLANCLINE ACP DUO product is in compliance with REACH AND ROHS STANDARD, and the surface finish does not contain lead, cadmium, chromium or mercury.

Blancline Aluminum Composite Panel Splash



Home designers are always keen to use new material to present different visual effect of their works. BLANCINE ACM Splash is newly developed splash product to bring the idea of interior designers into reality with the nice sparkling colors, the smooth surface and large format size. It can be applied to kitchen cooktop backing as well as shower room wall well.

Product Feature :

- High Fire-Resistance Performance
- Extra Light in Weight
- Non-Toxic, lead free surface
- Moisture and steam Proof
- Easy Installation and Maintaining

Environmental Obligation

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Panel Property

FR Rating	B LEVEL
PANEL THICKNESS	4MM
WEIGHT(KG/㎡)	7.2
Sound Absorption	0.05
Sound Attenuation	26
Thermal Resistancem²k/W	0.0103


Specification Available

Finish	FR Rating	2440*1220	1800*1500	3100*1500	600*750	900*750
PVDF	B	√	√	√	√	√

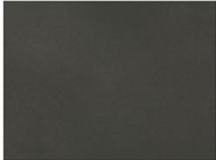
Colors Available




Black Marble




Brushed Silver



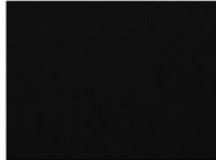
Cinder




Glacier White




Grey Cloud




Night Sky




Ocean Spray




Pacific




Pewter




Sandstone




Scarlet



Storm



Vapour



White Marble

Product Recyclability

The aluminum material used for production of Blancline Aluminum Composite Panel SPLASH can be 100% recycled to reduce the use of energy and emission of green house gas.

Blancline Aluminum Composite Panel Interior



Unlike the traditional painted wood grain surface, BLANCLINE wood grain interior wall panel has the 3D wood grain film on the surface with authentic wood texture and patterns. And the newly developed installation system make the product brilliant option for interior wall cladding .

Product Feature :

Vivid wood grain pattern and texture
Good Moisture Proof Performance
High Fire Resistance Performance
Matched Installation System

Product Application

- ☒ Healthcare
- ☒ Hospitality
- ☒ Workplace
- ☒ Commercial chain project

Panel Property

PANEL THICKNESS	4MM
Finish	Wood Grain Film
Finish Thickness (micron)	180
Core Material	FR CORE
Fire Norm	B level EN13501-1

Specification Available

1220*2440mm standard size



We try our best to reduce the use of plastic material for the product packaging to minimum for environmental protection and to comply with the packaging regulation of our clients.

The BLANCLINE ACP WOOD GRAIN product is in compliance with REACH AND ROHS STANDARD, and the surface finish does not contain lead, cadmium, chromium or mercury.

Product Recyclability

The aluminum material used for production of Blan-cline Aluminum Composite Panel WOOD GRAIN can be 100% recycled to reduce the use of energy and emission of green house gas.

Blancline Solid Aluminum Panel



BLANCLINE Solid Aluminum Panel is a type of non-combustible solid aluminum product painted with different finish and color for various application such as building facade and roofing as well as architectural signage.

Product Feature :

- 100% non-combustible to EN13501-1 A1 Standard
- Good weather resistance for the exterior application
- Broad color and finish for option
- Easy Fabrication for bending, routing, curving, welding, perforation
- Professional technical support and project solution provider

Product Application

- ☒ Building Facade
- ☒ Architectural Signage

Panel Property

FR Rating	A1 LEVEL EN13501-1
PANEL THICKNESS	3MM
ALUMINUM ALLOY	3003/ 5052
WEIGHT(KG/m ²)	8.16
Tensile Strength of Aluminum	155-160 MPa

Size Tolerance

PANEL THICKNESS(mm)	+/-0.1
WIDTH(mm)	+/-2mm
LENGTH(mm)	+/-5mm
THERMAL EXPANSION	≤4.0*10-5/°C

Finish Property

Coating Type	PVDF
Coating Thickness (microns)	27+/-1
Pencil Hardness	≥2H
Rigidity of Finish	No crack with 90 degree bending
Temperature Resistance	- 50°C-- 80 °C
Impact Strength (kg/cm2	50kg/CM2. No Crack
Boiling water resistance	2H boiling without no change
Acid Resistance	Immerse 5%HCL for 24H without change
Alkali Resistance	Immerse 5% Na(OH)2 for 24H without change
Oil Resistance	Immerse with oil for 24H without change
Solvent Resistance	Clean 200 times with MEK without change
Cleaning Resistance	≥10, 000times with no change

Specification Available

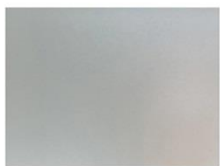
Thickness	2mm	3mm	4mm
Available	√	√	√



Metallic Color



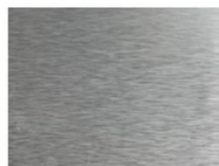
8700 Copper metallic



8711 Champagne metallic



8714 Sea green metallic



8762 Brushed silver



8781 Zinc light grey



corten II 8771

Solid Color



8719 YELLOW



8727 BLUE



8728 RED



8730 BLACK



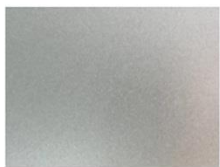
GOLD MIRROR



RAL7012



SILVER MIRROR 8763



8731 Bright silver metallic

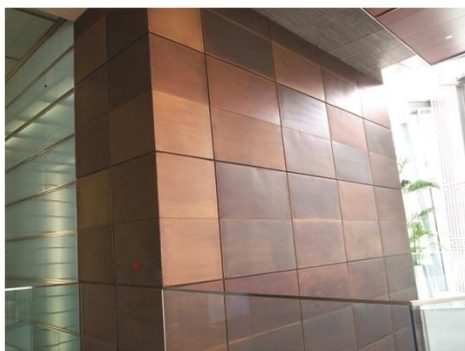
Environmental Obligation

We try our best to reduce the use of plastic material for the product packaging to minimum for environmental protection and to comply with the packaging regulation of our clients.

Product Recyclability

The BLANCLINE solid aluminum sheet is 100% recyclable .

The BLANCLINE solid aluminum sheet product is in compliance with REACH AND ROHS STANDARD, and the surface finish does not contain lead, cadmium, chromium or mercury.



Blancline Aluminum Corrugated Panel



Blancline Aluminium Corrugated Panel , also called Aluminum Lattice Panel , is a type of ideal facade product with top and bottom aluminum cover laminated with aluminum corrugation and can be applied to all types of construction, from residential developments to large scale government infrastructure projects. Aluminium Corrugated panels can be installed like traditional Aluminium Composite Panels.

Product Feature :

Blancline aluminium corrugated panel, also called aluminum core composite panel (ACCP), is an improved honeycomb panel with less cost-impact, stronger structure and lighter mass.

It is fully composed of metal materials without plastic ingredients, 100% eco-friendly and fire resistant.

The outstanding performance of Aluminium Corrugated Panel is made possible by a range of significant components that make this product ideal for application in Type A, B, and C buildings where non-combustible materials are required.

Panel Property

PANEL THICKNESS	4MM
Aluminum Cover Thickness	0.7mm/0.5mm
Corrugation Thickness	Profiled 0.3
ALUMINUM ALLOY	3003/ 5005
WEIGHT(KG/m ²)	4.6

Size Tolerance

Aluminum Cover THICKNESS(mm)	+/-0.1
WIDTH(mm)	+/-2mm
LENGTH(mm)	+/-5mm

Finish Property

Coating Type	PVDF
Coating Thickness (microns)	27+/-1
Core Shear Properties MPa	Face Stress 130.7 ASTM C393/393-11
Tensile Properties of Aluminum Cover MPa	Tensile Strength 172.9 Elongation 8.4% ASTM E8/E8M15a
Tensile Strength MPa	0.81 ASTM C297/C297M15
Facing Peel Strength mm N/mm ²	270 ASTM D1781-98
Thermal Resistance m ² k/W'	0.005 ASTM C318-10
Acoustic Resistance dB	Rw(C,Ctr)=22(-1,-2) ISO 717-1

Specification Available

WIDTH	LENGTH
1250MM	3200MM
	4000MM
1500MM	3200MM
	4000MM



Metallic Color



8700 Copper metallic



8711 Champagne metallic



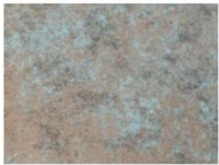
8714 Sea green metallic



8762 Brushed silver



8781 Zinc light grey



corten II 8771

Solid Color



8719 YELLOW



8727 BLUE



8728 RED



8730 BLACK



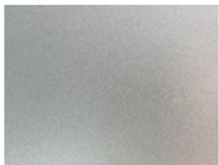
GOLD MIRROR



RAL7012



SILVER MIRROR 8763



8731 Bright silver metallic



Blancline Aluminum Honeycomb Panel



BLANCLINE Aluminium Honeycomb Panel is a light and robust panel formed of two aluminium alloy sheets facing each other and a honeycomb core formed out of aluminium foils-a true inspiration of the natural hexagonal honeycomb. It is lighter than other materials due to its unique honeycomb structure. It also improves the rigidity and stability of the body.

The product can be widely applied to building facade, interior ceiling, interior partition as well vehicle making.

Product Feature :

Light Weight and high strength

Good impact& wind resistance

A2 level fire-proof EN13501

Perfect Panel Flatness

Heat and Noise Insulation

Product Recyclability

The BLANCLINE aluminum honeycomb panel is 100% recyclable .

Panel Property

PANEL THICKNESS	12MM
Aluminum Cover Thickness	0.7mm/1.0mm
Aluminum Foil Thickness	0.076mm
ALUMINUM ALLOY	3003/ 5005
WEIGHT(KG/m ²)	5.5
Linear Thermal Expansion	2.4mm/m@ 100°C

Packaging

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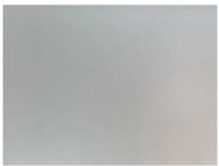




Size Tolerance

Aluminum Cover THICKNESS(mm)	+/-0.1
WIDTH (mm)	+/-2mm
LENGTH (mm)	+/-5mm








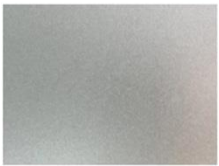
Specification Available

Cover Thickness (mm)	Panel Thickness (mm)	Panel Width (mm)	Panel Length (mm)
0.5 0.7 1.0	10 12 15 20 25	Max 1500	Max 6000

Metallic Color

					
8700 Copper metallic	8711 Champagne metallic	8714 Sea green metallic	8762 Brushed silver	8781 Zinc light grey	corten II 8771

Solid Color

					
8719 YELLOW	8727 BLUE	8728 RED	8730 BLACK	GOLD MIRROR	RAL7012
					
SILVER MIRROR 8763	8731 Bright silver metallic				

The BLANCLINE aluminum honeycomb panel product is in compliance with REACH AND ROHS STANDARD, and the surface finish does not contain lead, cadmium, chromium or mercury.

Blancline Product Fabrication Service

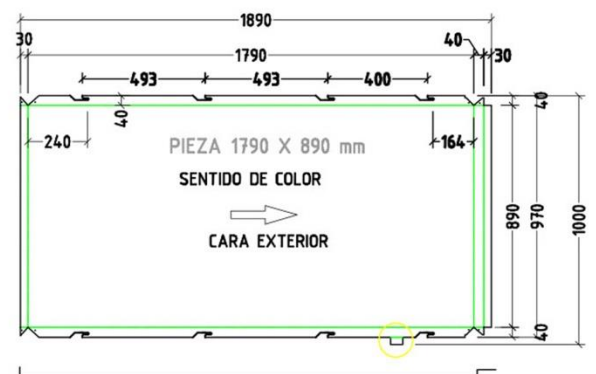
Facade Solution

Apart from production and supply of premium quality product of aluminum composite panel, solid aluminum sheet, we also provide technical and product processing service to our clients.

The following project of Spanish Hospital illustrate well how we bring the conceptual design of a facade project into reality.

The project of Spanish Hospital project was located in Spain. And the construction company Eurogramco require our company supply facade material of Blancline Aluminum composite panel FR for this project. The product need to be cut, perforated and engraved to the very requirement of their project .

364 片.绿色
型号 FT/ES



The service we provide for this solid project

Premium Quality Blancline Aluminum Composite Panel FR
4mm 0.5mm

Product size and Installation System Confirmation

Production Drawing Confirmation

Cutting, Perforation and Engraving based on Drawing

Strict Processing Accuracy and Quality Control

Single Piece Product Code Marking for easier Installation

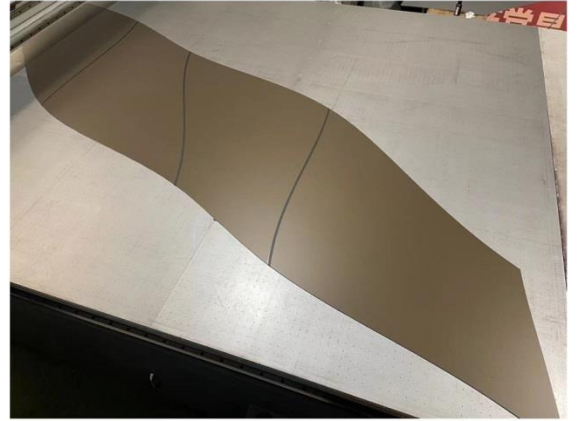
Customized Packing Proposal



Signage Solution

Signage project always involve specific product processing requirement from clients. We provide quality solid aluminum sheet product for architectural signage project, we also provide One-stop deeper product processing service to save time and money for our clients.

Hyundai Automobile Show Room is a global project with very high demand on the quality and details of the fascia signa panel. Our clients require solid aluminum sheet from us and also require specific product processing service.



The service we provide to finish this highly demanding project

High quality Solid aluminum sheet product
High-accuracy CNC cutting and perforation
UV lines making based on drawing
Strict Quality Control on each single panel
Re-Masking on each panel before packing



Contact Us



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