



Shanghai AIYIA Aluminum

Professional Aluminum Supplier





Shanghai AIYIA Industrial Co., Ltd.

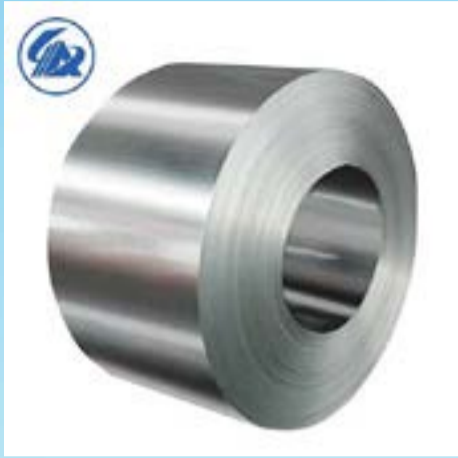
Shanghai AIYIA Industrial Co., Ltd. is a professional metal raw material supplier, located in Shanghai, the economic center of China. We supply various steel and aluminum products, which are widely used in construction, industry, agriculture, food packaging and other fields. We rely on China's excellent export ports to export products to all parts of the world. Our export ports include Shanghai, Qingdao, Ningbo, Tianjin, Qinhuangdao, etc. Since the establishment of AIYIA, our products have been exported to dozens of countries around the world, it exported to Europe, Africa, Southeast Asia, Middle East, Russia, America, Australia. Our products strongly support local economic development.

Shanghai AIYIA Industrial Co., Ltd. supplies aluminum coils, aluminum plates, aluminum sheets, aluminum strips, aluminum foils, aluminum wafers, aluminum tubes, aluminum rods, aluminum wires, composite aluminum plates, color coated aluminum coils and other aluminum products. Reasonable price and reliable quality, welcome to purchase!

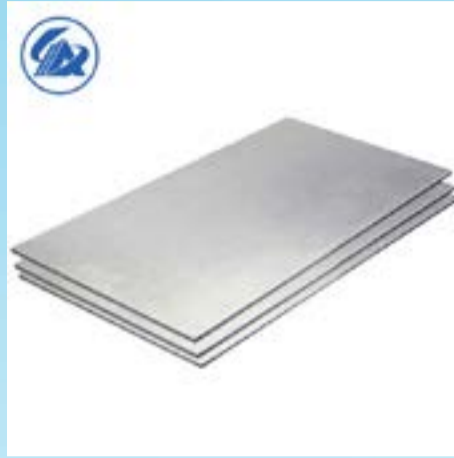




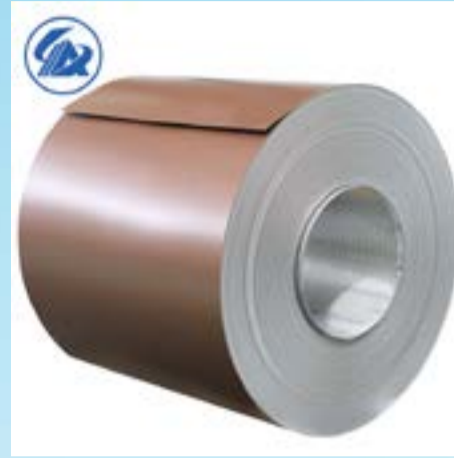
Products



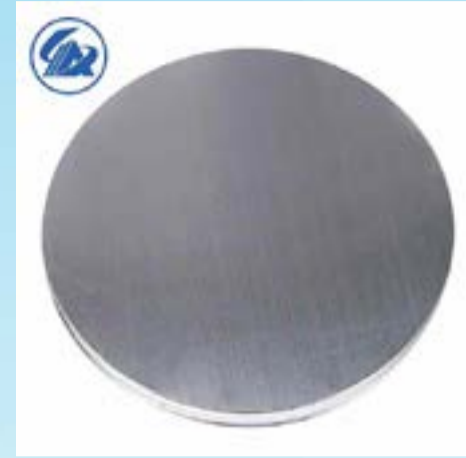
Aluminum coil



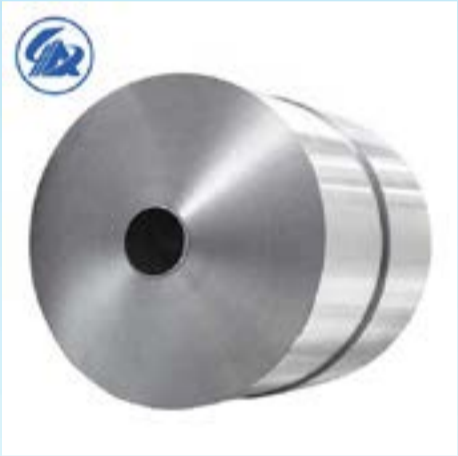
Aluminum sheet



Color coated aluminum coil



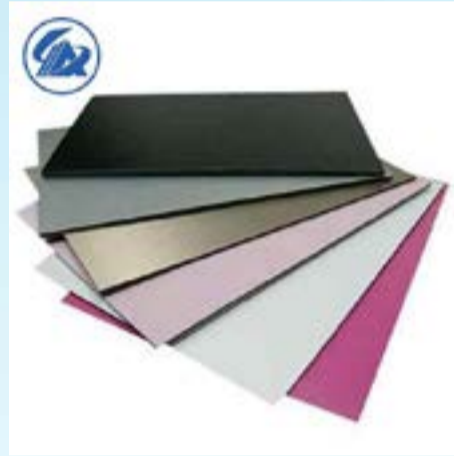
Aluminum disc



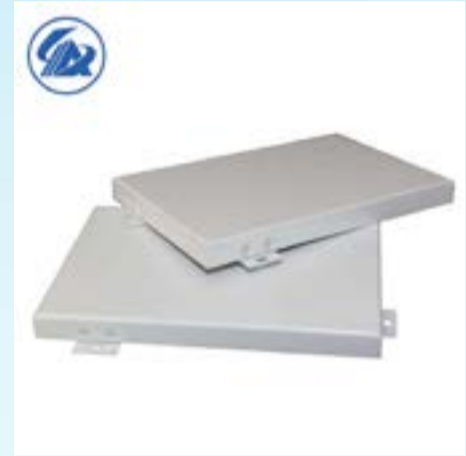
Aluminum foil



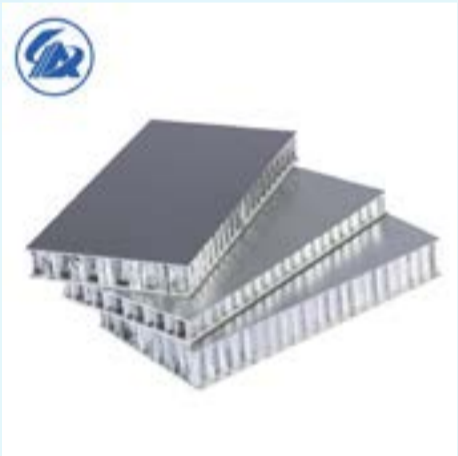
Aluminum wire



Aluminum composite panel



Aluminum veneer



Aluminum honeycomb panel



Aluminum rod



Aluminum roofing sheet



Aluminum component





Aluminum Coil

Aluminum is widely used in electronics, packaging, construction, machinery, and so on. According to the chemical composition, it is divided into alloy aluminum and pure aluminum. According to the processing shape, it is divided into aluminum coil, aluminum plate, aluminum sheet, aluminum strip, aluminum tube, aluminum rod, aluminum profile and so on.

Specifications

Thickness: 0.1-10mm

Width: 600-200mm

Treatment: T1, T2, T3, T4, T5, T6, T7, T8, T9, T10

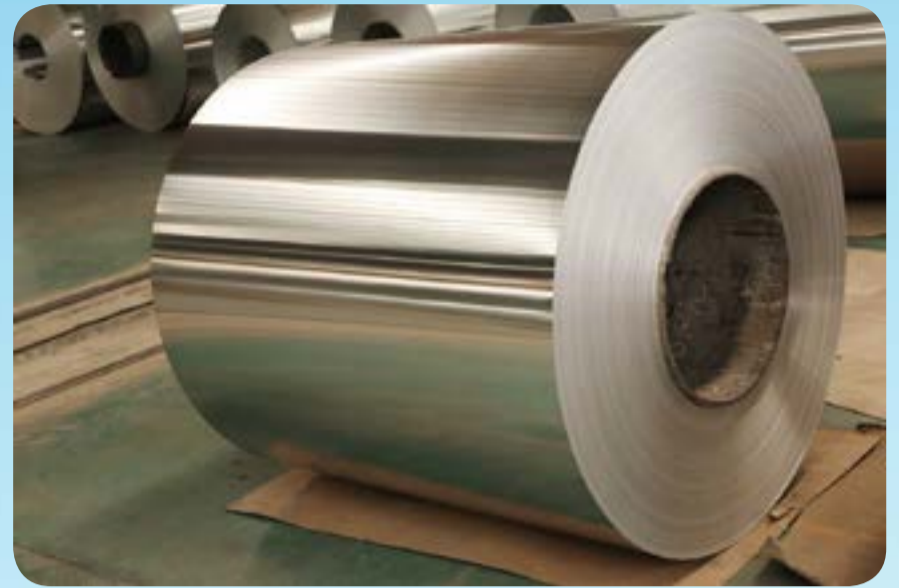
Composition: alloy aluminum and pure aluminum

Standard: GB/JIS/DIN/ASTM

Certification: SGS,ISO

Surface treatment: Brushed / Mirror / Embossed / Sandblasted

Grade:1050,1060,1070,1100,1200,2024,2A21,3003,3105,5052,5083,5754,5083,5086,6061,6063,6082,7075,8011,etc





Aluminum sheet grade

1000 Series: Industrial Pure Aluminum (1050, 1060, 1070, 1100)

2000 Series: Aluminum-copper alloys (2024 (2A12), LY12, LY11, 2A11, 2A14 (LD10), 2017, 2A17)

3000 Series: Aluminum-manganese alloys (3A21, 3003, 3103, 3004, 3005, 3105)

4000 Series: Al-Si alloys (4A03, 4A11, 4A13, 4A17, 4004, 4032, 4043, 4043A, 4047, 4047A)

5000 Series: Al-Mg alloys (5052, 5083, 5754, 5005, 5086, 5182)

6000 Series: Aluminum Magnesium Silicon Alloys (6063, 6061, 6060, 6351, 6070, 6181, 6082, 6A02)

7000 Series: Aluminum, Zinc, Magnesium and Copper Alloys (7075, 7A04, 7A09, 7A52, 7A05)

Common surface treatment

1. Anodizing: Produce a dense aluminum oxide film on the surface of the aluminum tube to make it react with the air again to improve the protective performance of the aluminum tube. At the same time, the oxide film blocks free ions inside and makes it unable to conduct electricity.

2. Coloring after anodizing: Various colors are formed on the oxide film to meet certain requirements.

3. Chemical oxidation: used for general protection, the processing technology is generally difficult, and the production cost is low.

4. Coating organic protective layer: used for external protection and decoration of equipment, usually operated on the basis of oxidation.

5. Conductive oxidation: while enhancing the ability of protection, maintain the conductivity of the aluminum tube.



Brushed aluminum sheet



Mirror aluminum sheet



Embossed aluminum sheet

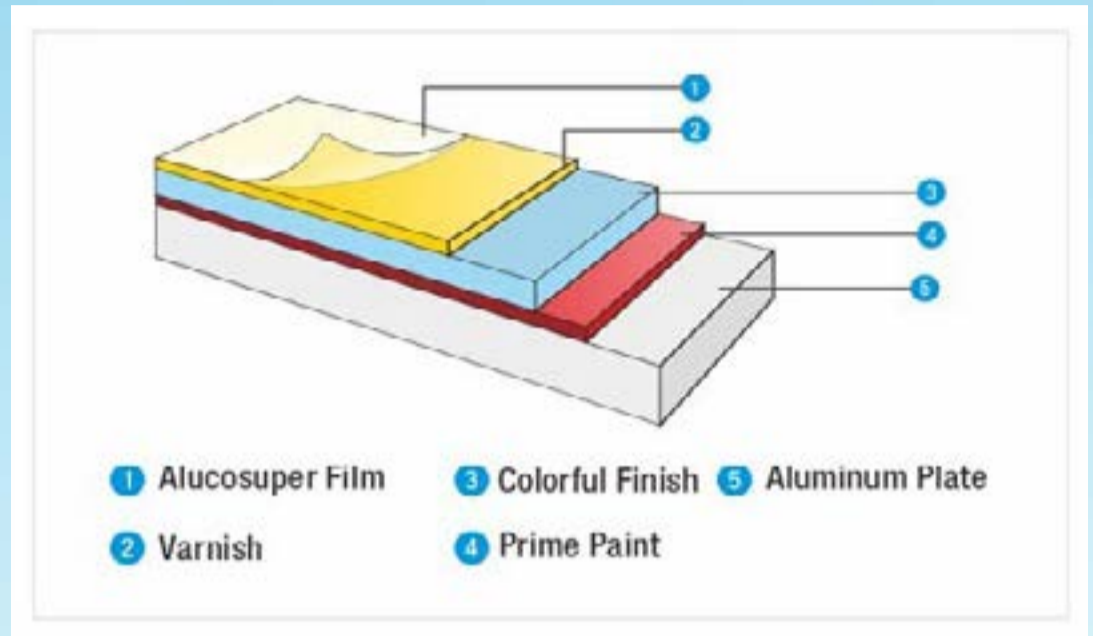


Color coated aluminum sheet



Color Coated Aluminum Coil

Color coated aluminum coil is the surface coating of aluminum plate coloring treatment, the common fluorocarbon color-coated aluminum, polyester color-coated aluminum, widely used in aluminum plastic plates, aluminum veneer, aluminum honeycomb panels, aluminum ceiling, roof, edges and corners, easy-to-open cans, electronic products. Its performance is very stable, not easy to be corroded, the surface after special treatment can reach 30 years of quality assurance, unit volume of weight is the lightest metal materials, color coated aluminum coil is the most popular new material.



Layer structure diagram

Color coated aluminum coils have a wide range of colors, whether it is residential, large commercial outlets or large convention centers, it can add color. Good plasticity and machinability make it an ideal material for a variety of architectural shapes. It has provided architects, designers and owners with a personalized color space for exterior walls and ceilings, as well as the ideal material for architectural styling. Whether it is a versatile large building or a unique and innovative new building, it can always meet the different requirements of modern and classical architectural styles, and make the building more colorful.



Specifications

Thickness: 0.2-3.0mm

Width: 100-2200mm

Temper: H16,H18,H24,H26,H28

Grade: 1100,3003,3004,3011,3105,5005,5006,5052,5182,8011,etc

Coating paint: PVDF, PE(Polyester), epoxy, polyamide, polyurethane



Aluminum Foil

Aluminum foil is a soft metal film with moisture, airtight, shading, abrasion resistance, fragrance, non-toxic and tasteless. Due to its excellent properties, aluminum foil is widely used in food, beverages, cigarettes, pharmaceuticals, photographic bases, household daily necessities, etc., and is usually used as its packaging material; electrolytic capacitor materials; thermal insulation materials for buildings, vehicles, ships, houses, etc.; As a decorative gold and silver wire, wallpaper and various types of stationery printed matter and light industrial products, decorative trademarks. Among the above various applications, the most effective performance of the aluminum foil is as a packaging material. Aluminum foil is a soft metal film, which not only has the advantages of moisture-proof, air-tight, light-shielding, abrasion resistance, fragrance preservation, non-toxic and tasteless, but also has an elegant silver-white luster, which is easy to process various beautiful patterns.



Specifications

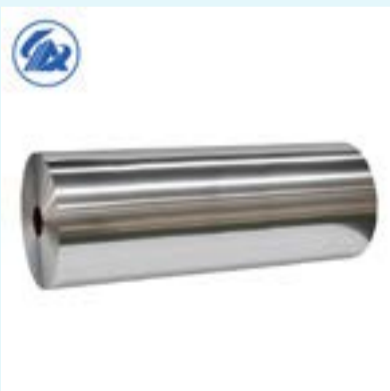
Width: 280mm-1500mm

Thickness: 0.006~0.009mm

Tolerance: $\pm 6\%$

Grade: 1100,1145,1050,1060,1235,3003,5052,5A02,8006,8011,8079,etc

Aluminum foil products



battery foil



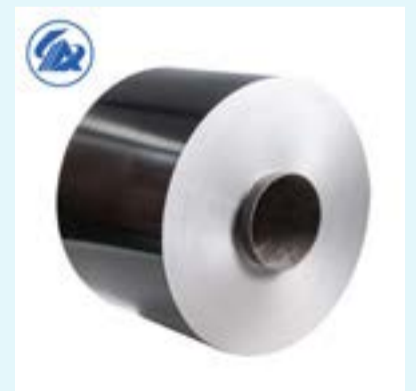
blister foil



container foil



decorative foil



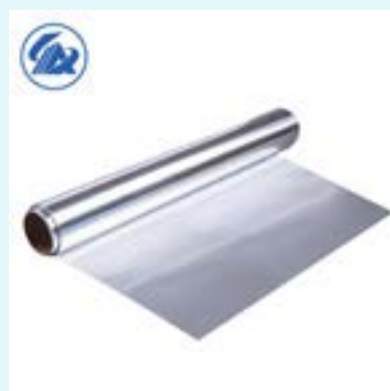
finstock foil



flexible packaging foil



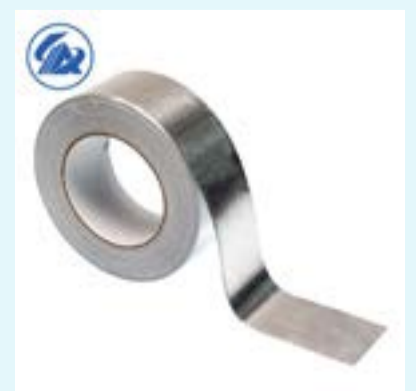
heat seal foil



household foil



industrial foil



tape foil



Aluminum Disc

Aluminum wafers(aluminium sheet circles) also called aluminium disc are widely used in electronics, daily chemicals, medicine, culture, education and automotive parts. Electrical appliances, thermal insulation, machinery manufacturing, automotive, aerospace, military, mold, construction, printing and other industries. For example, kitchen utensils such as non-stick pans, pressure cookers, and hardware such as lampshades, water heater shells, stretching tanks, etc., are one of the most widely used aluminum alloy sheet and strip deep-processing products.



Specifications

Thickness: 0.3-6.0 mm

Diameter: 100-920mm

Temper: H0, H12, H16, H18, H22, H24, H26

Grade: 1060,3003,5052,etc

Application





Aluminum Wire



The aluminum wire refers to its longitudinal full length, and the uniform cross section refers to a metal linear material made of pure aluminum or aluminum alloy. Process the product along the core and deliver it in rolls. The cross-sectional shapes are circular, elliptical, square, rectangular, equilateral triangle, regular polygon, and the like. Divided into pure aluminum wire and alloy aluminum wire according to the material. Divided into industrial aluminum wire and process aluminum wire according to the purpose.



Specifications

Diameter: 0.05-10 mm

Temper: F/O/H112/T3/T351/T4/T5/T6/T651

Grade: 1050,1060,2A14,3003,3103,4032,5454,5754,5056,5082,5086,6061,6060,6082,7075,7475, etc



Aluminum Rod

Aluminum rod is a kind of aluminum product. Aluminum rod is widely used in decoration, packaging, construction, transportation, electronics, aviation, aerospace, and other industries.

Specifications

Diameter: 2-800mm

length: 3m,5.8m,6m,etc

Composition: alloy aluminum and pure aluminum

Grade:1050,1060,1070,1100,1200,2A21,3003,5052,5083,6061,6082,8011,etc





Aluminum Roofing Sheet

Aluminum Roofing Sheet, also known as corrugated aluminum sheet, profiled aluminum sheet, aluminum tile, etc., is a profiled sheet that uses aluminum sheet to roll and cold bend into various waveforms. It is suitable for industrial and civil buildings, warehouses, special buildings, long spans. The roofs, walls, and interior and exterior wall decoration of steel structure houses have the characteristics of light weight, high strength, rich color, convenient and fast construction, earthquake resistance, fire resistance, rain resistance, long life, and maintenance-free, etc., and have been widely used.

Specifications

Width: 300-2400 mm

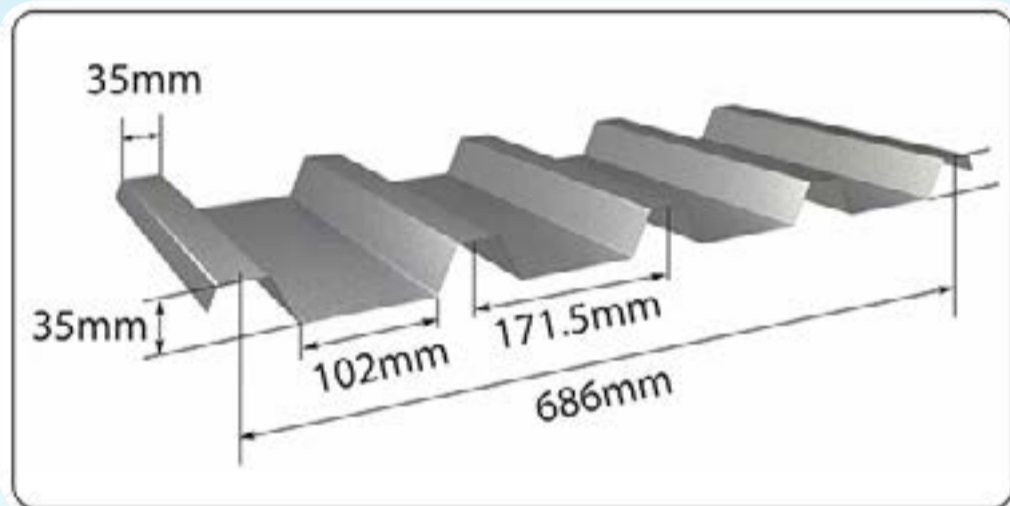
Thickness: 0.5-5.0 mm

Length: 2000-6000 mm

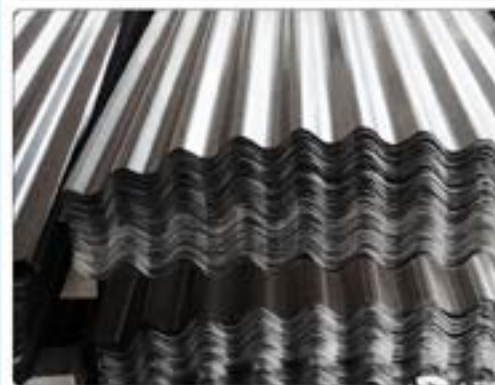
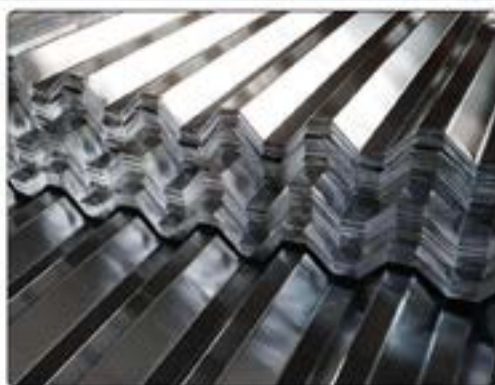
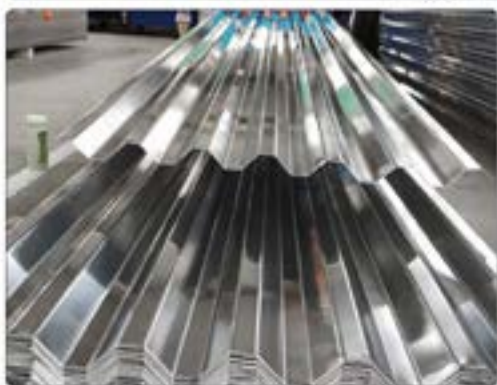
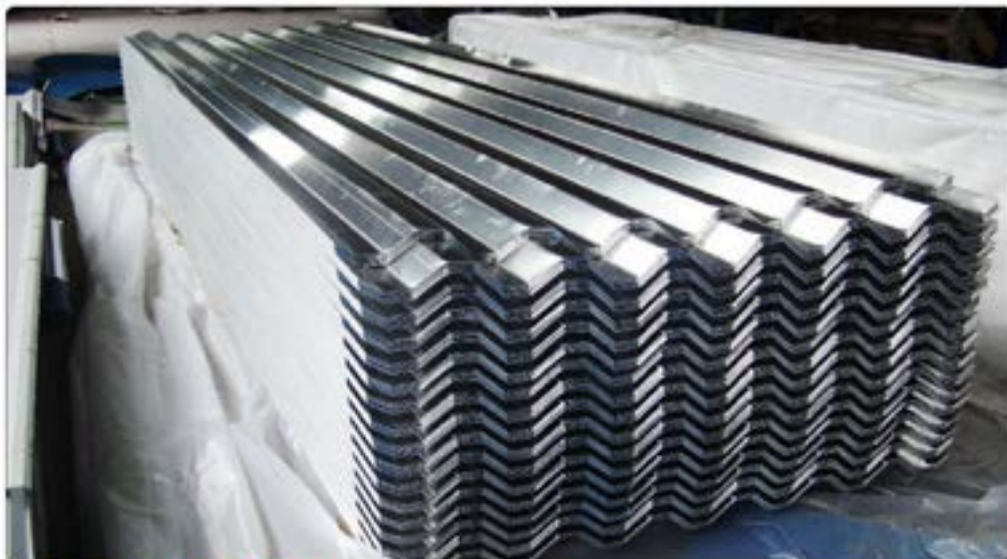
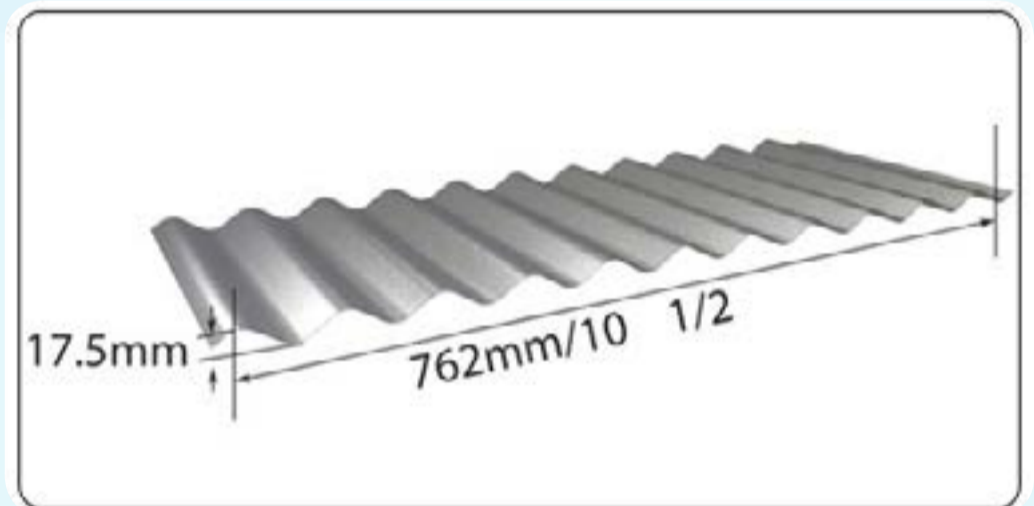
Grade: 3003, 3004, 3105, etc

Shape: Trapezoidal / Wavy

Trapezoidal corrugated aluminium sheet



Wave corrugated aluminium sheet





Aluminum Composite Panel

The aluminum composite panel are a new kind of environmental protection material.they have a good flatness,excellent quality,corrosion resistance ,and long service life.the surface of color can be wooden,marble and other patterns,and the apperance looks nature and elegance,they are suitable for kitchen cabinets,bathroom cabinets,public furniture,housebold furniture,an so on.thier construction is convenient,free painting,work time saving,and can be customized according to customer demands.

Specifications

Weight: 5.6-6.8kg/m²

Width Available: 900mm-1570mm

Thickness: 3.0-6.0 mm

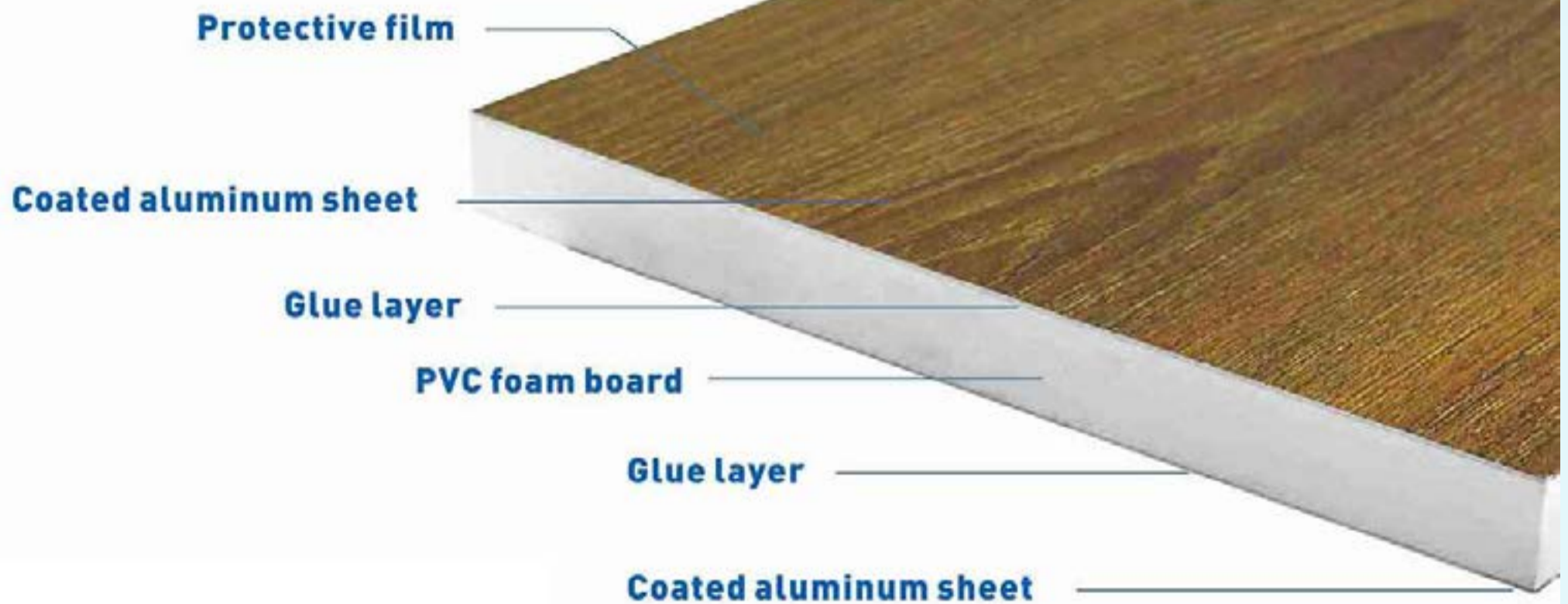
Aluminum Skin Thickness: 0.3-0.6mm

Painting: PE/SMP/HDP/PVDF

Length Range: Less Than 6000mm

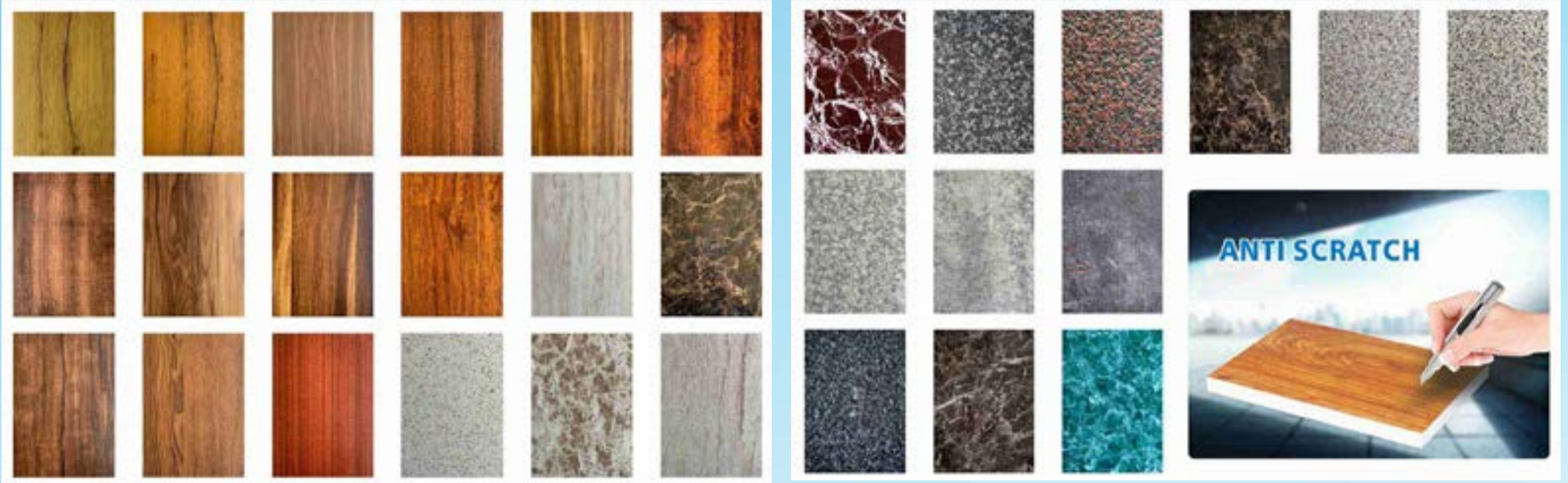
Composition: Alloy aluminum and Pure aluminum

Layer structure diagram



Surface treatment





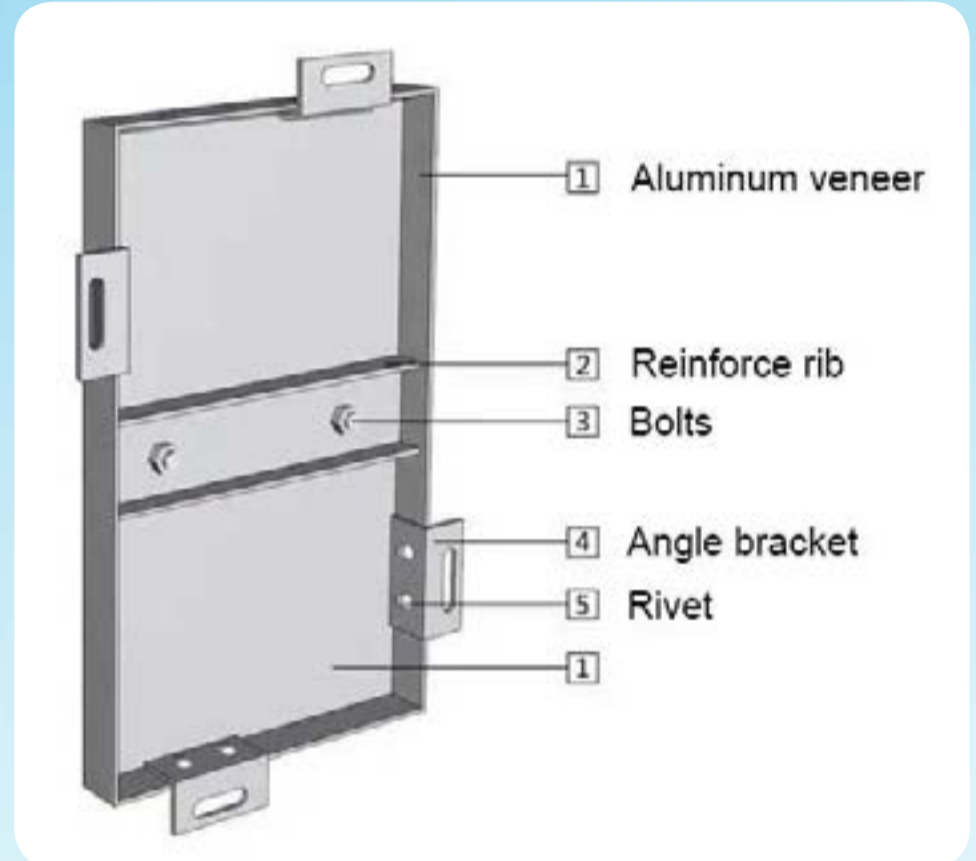
Application scenario



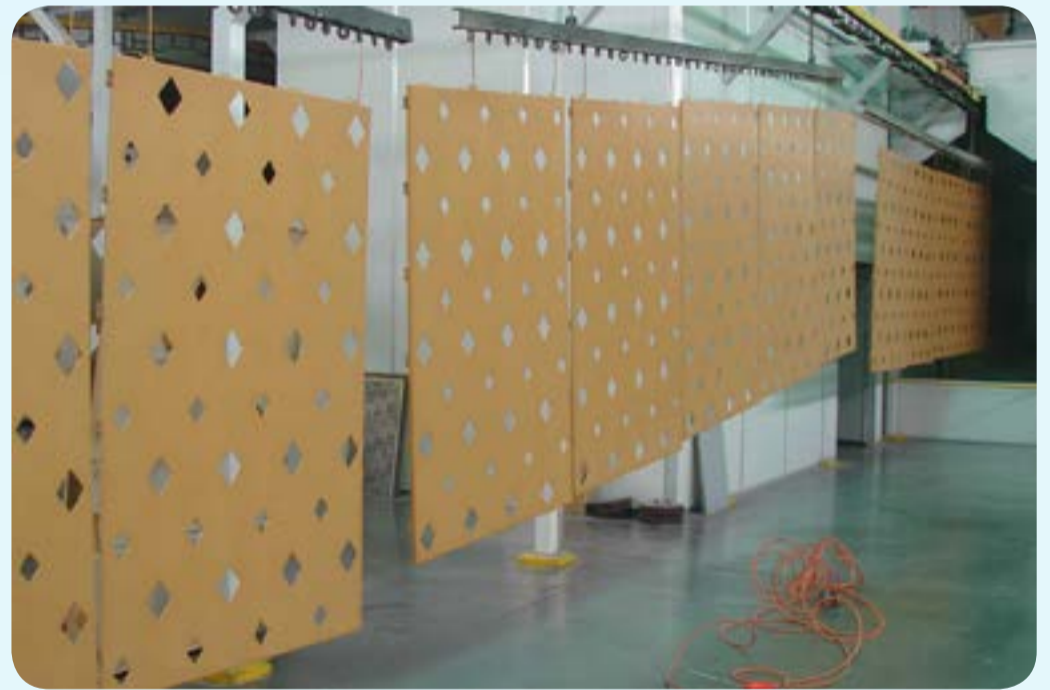
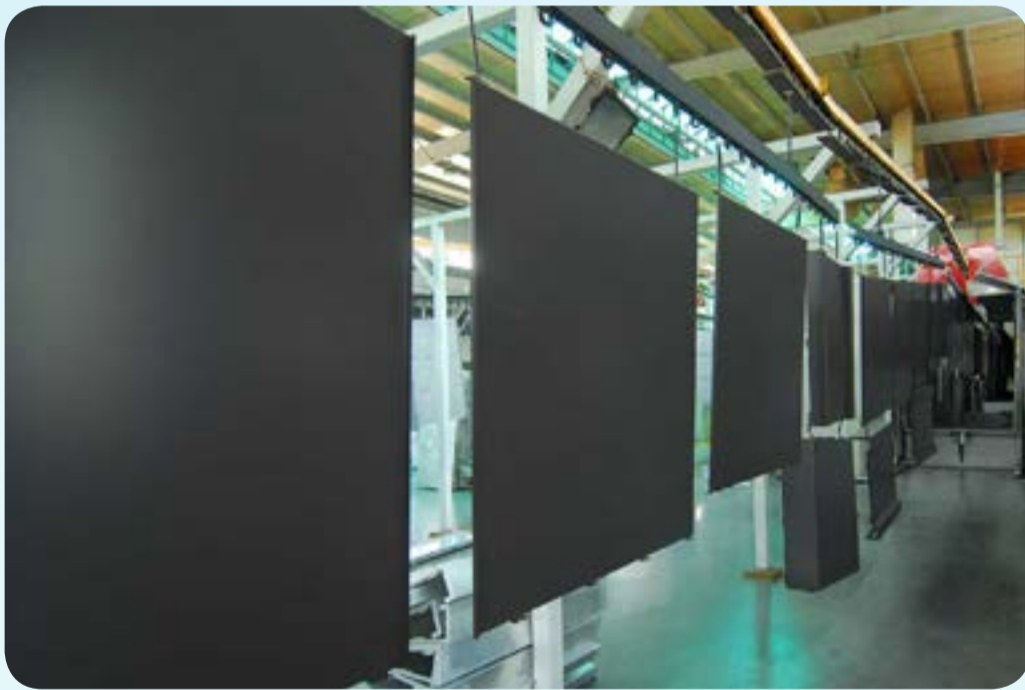


Aluminum Veneer

Aluminum veneer is a building decoration material that is processed by fluorocarbon spraying technology after chromization and other treatments. Its structure is mainly composed of face plate, reinforce rib and angle bracket (Pictured). The angle bracket can be directly bent and stamped from the panel, or it can be formed by riveting the angle bracket on the small side of the panel. The reinforcing ribs are connected to the welding screws behind the board surface, making it a solid whole, which greatly enhances the strength and rigidity of the aluminum single-board curtain wall, ensuring the flatness and wind and earthquake resistance in long-term use. It has excellent corrosion resistance and weather resistance, resistance to acid rain, salt spray and various air pollutants, excellent resistance to cold and heat, can resist strong ultraviolet radiation, can maintain long-term fading, non-pulverization, and service life long.



Schematic



Specifications

General thickness: 1.5mm, 2.0mm, 2.5mm, 3.0mm, 4.0mm, 6.0mm

General size: 600*600mm, 600*1200mm

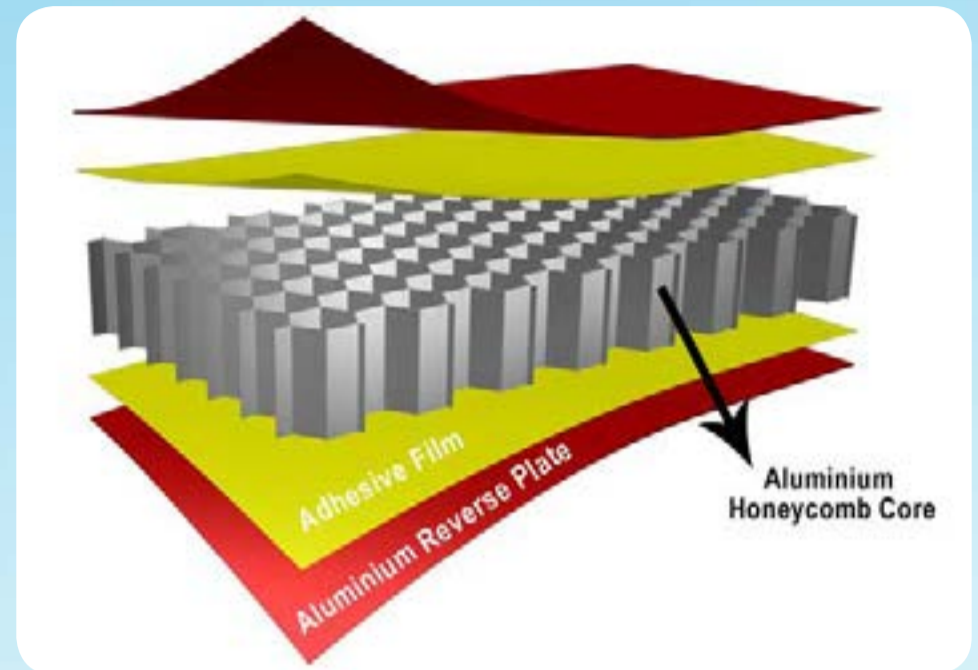
Painting: PE/SMP/HDP/PVDF

Composition: Alloy aluminum



Aluminum Honeycomb Panel

The aluminum honeycomb panel adopts hot press forming technology. Due to the high thermal conductivity between the aluminum skin and the honeycomb, the thermal expansion and contraction of the internal and external aluminum skins are synchronized; the honeycomb aluminum skin has small holes to allow the gas in the panel to flow freely; the sliding installation buckle The system will not cause structural deformation during thermal expansion and contraction; therefore, it can ensure extremely high flatness.



Specifications

Bottom plate thickness: 0.6 – 1.0mm

Panel thickness: 0.8 – 1.5mm

Total thickness: 25mm

Composition: Alloy aluminum

Grade: 3003, 5052





Aluminum Component

Aluminum alloy components have the characteristics of fire and moisture resistance, light weight, easy to clean, and convenient processing. Shanghai AIYIA Industrial Co., Ltd. supports custom-made various aluminum alloy components, such as door and window components, mechanical components, automotive components, furniture components, household appliance components, etc.



Specifications

Standard: DIN/GB/ISO/JIS/BA/ANSI

Certification: ISO,SGS

Tolerance: $\pm 1\%$

Grade: 6000 Series

Tolerance: $\pm 1\%$

Temper: T3,T4,T5,T6,T7,T8,etc



Guide For Ordering Products

- 01.Product designation
- 02.Product standard number
- 03.Grade
- 04.Product specification and size accuracy (incl. thickness, width and length)
- 05.Edge status
- 06.Surface quality level
- 07.Flatness accuracy
- 08.Type, coating weight and surface treatment in case of coated products
- 09.Surface structure
- 10.Packing method
- 11.Application
- 12.Other special requirements

Sincere Service

- 1.We are ISO Verified Outstanding Manufacturer.
- 2.The third party inspection:SGS,BV,CE,COC,AI and other.
- 3.Flexible Payment:T/T,LC,O/A,CAD,DAP.
- 4.Sufficient Stock.
- 5.Quick Delivery Time,Long time price validity.
- 6.Tracking picture of transport:production,Quality inspection,loading pictures.
- 7.Rich experience Professional Sale Team.
- 8.Fast and safe transportation.





FAQ

Q:Can you send samples?

A:Of course, we can send samples to all parts of the world, our samples are free, but customers need to bear the courier costs.

Q:What product information do I need to provide?

A:You need to provide the grade, width, thickness, coating and the number of tons you need to purchase.

Q:What are the shipping ports?

A:Under normal circumstances, we ship from Shanghai, Tianjin, Qingdao, Ningbo ports, you can choose other ports according to your needs.

Q:About product prices?

A:Prices vary from period to period due to cyclical changes in the price of raw materials.

Q:What are the certifications for your products?

A:We have ISO 9001, SGS, EWC and other certifications.

Q:How long does your delivery time take?

A:In general, our delivery time is within 30-45 days, and may be delayed if the demand is extremely large or special circumstances occur.

Q:Can I go to your factory to visit?

A:Of course, we welcome customers from all over the world to visit our factory. However, some of the plants are not open to the public.

Q:Does the product have quality inspection before loading?

A:Of course, all our products are strictly tested for quality before packaging, and unqualified products will be destroyed.

Q:How to pack the products?

A:The inner layer has a waterproof paper outer layer with iron packaging and is fixed with a fumigation wooden pallet. It can effectively protect products from corrosion during ocean transportation.

Q:What is your working time?

A:In general, our online service time is Beijing time: 8:00-22:00, after 22:00, we will reply to your inquiry during the next working day.

For more information, please contact us



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Thank you!