



Color Coated Aluminum Strip



Color coated aluminum strip refers to aluminum strip that has been pretreated and coated with a certain thickness of paint film beforehand. Coated aluminum strips show stronger corrosion resistance after a layer of coating, which can greatly improve the weather resistance and corrosion resistance of aluminum strips, and can be painted in various colors, increasing the decorative properties of aluminum.

We are one of the leading coated aluminium suppliers offering painted aluminium strips for wall cladding, ceiling, shutters, gutters, channel letters, signage etc.

Specification of Coated Aluminum Strip:

Material	1050, 1060, 1100, 3003, 3004, 3105, 5052, 5005, 5754, 5083, 6061, 8081 etc
Temper	O, H12, H14, H16, H18, H24, H26, H32, H34, etc
Thickness	0.08-3.00mm
Width	15-300mm
Inner Diameter	405mm, 508mm, 610mm
Color	RAL, Pantone Color Or As Client's Demand
Coating thickness	PVDF Paint Coating: Not Less Than 25um PE Paint Coating : Not Less Than 18um
Packing	Export Standard Wooden Pallets (Eye To Wall, Eye To Sky)
Payment Terms	L/C at sight or 30% T/T in advance as deposit, and 70% balance against the B/L copy.
MOQ	2 Tons Per Specification
Delivery Time	Within 15-25 Days
Application	Aluminum Roofing, ACP, Roller Shutter Window, Roller Shutter Door, Aluminum Ceiling, Aluminum Grilling, Aluminum Downspout System, Home



Appliance's Plate, body tank of cold chain truck, letter channel.

Standards and Specifications

ASTM	B209
ISO	ISO 26204 (alloy designations), ISO 6892 (mechanical testing), ISO 9001, ISO 14001.
UNS	A91050 (United States Numbering System)

Coating Options of Coated Aluminium Strip:

- PE(Polyester) Coating:

A common choice for outdoor applications due to its durability and resistance to fading.

- PVDF (Polyvinylidene Fluoride) Coating:

Offers superior weathering, UV resistance and a long lifespan, often used for architectural applications.

Warranty:

Regular PE: 3-5 years;

High Performance PE: 6-9 years;

PVDF: 15 years;

FEVE: Two coats: between 10-15 years

FEVE: Three coats: 15-20 years.

Technical Data:

Coating	POLYESTER	PVDF
Item	Technical requirements	Technical requirements
Thickness of coating film	$\geq 18 \mu\text{m}$	$\geq 25 \mu\text{m}$
Gloss deviation	gloss < 70, tolerance $\leq 10\%$	gloss < 70, tolerance $\leq 10\%$
	gloss ≥ 70 , tolerance $\leq 5\%$	gloss ≥ 70 , tolerance $\leq 5\%$
Hardness of pencil	$\geq 3H$	$\geq 3H$
Adhesion	no lower than class 1	no lower than class 1
Flexibility	$\leq 2T$	$\leq 2T$
Boiling water resistance	no change (2h)	no change (2h)
Color difference	$\Delta E \leq 2.0$	$\Delta E \leq 2.0$
MEK	≥ 100 times	≥ 150 times

Color Options of Coated Aluminium Strip:

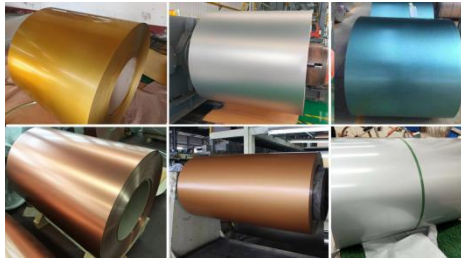
Standard Colors



The standard color of coated aluminum strip is modulated according to the RAL color card. The basic colors are red, yellow, blue, green, white, gray and other colors and their derivative colors, which are suitable for most conventional applications.



Metallic Colors



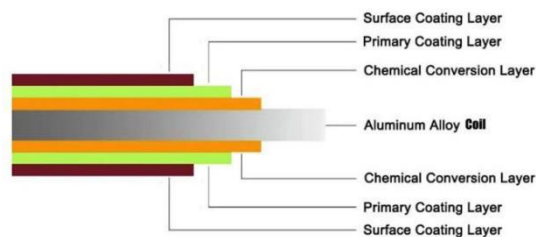
The Metallic color of painted aluminum strip simulate metal textures, such as silver gray, bronze, rose gold, etc., which add a sense of luxury and class to the product and are often used in high-end architectural decoration.

Printing Series

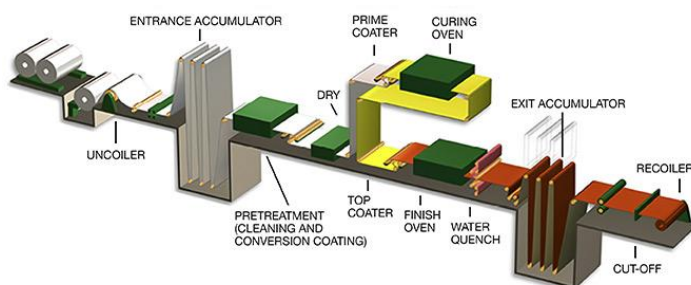


The printing series achieve natural texture effects such as wood grain and stone grain through special coating technology, providing more diversified choices for architectural design, esuitable for places that pursue natural and environmental protection concepts.

Structure of Coated Aluminium Strips



Process of Coil Coating



Advantages of Color Coated Aluminium Strip:

- Durability:

The color coated finish is often more durable than post-painted surfaces, as it is baked on and



adheres well to the aluminum, providing resistance to scratches, corrosion and UV degradation.

- Aesthetic Variety:

Coated aluminum strip comes in a wide range of colors and finishes, including matte, gloss, and textured surfaces, allowing for greater design flexibility.

- Cost-Effectiveness:

Pre-painting reduces the need for additional painting processes after fabrication, which can save time and labor costs.

- Environmental Considerations:

Many pre-painted aluminum strip products utilize eco-friendly coatings and processes, which can lead to lower VOC emissions compared to traditional painting methods.

- Maintenance:

Painted aluminum strip surfaces are generally easier to clean and maintain compared to uncoated or post-painted surfaces.

Applications of Coated Aluminium Strips:

- Construction:

Used for siding, roofing, gutters, and aluminum facades.

- Signage:

Ideal for outdoor and indoor signage due to their vibrant colors and weather resistance.

- Home Appliances:

Commonly found in the manufacturing of appliances like refrigerators and air conditioners.

- Automotive:

Used in certain automotive parts for both functional and aesthetic purposes.

- Furniture:

Employed in the design of modern furniture pieces.

Packaging:

1) LCL by wooden pallet package, fumigation wooden pallet is available

2) FCL by wooden pallet package loaded in the container

3) FCL in bulk loaded in the container

4) Customized package according to your demands

Shipping:

7-15 days after receipt of payment(depend on order quantity)

