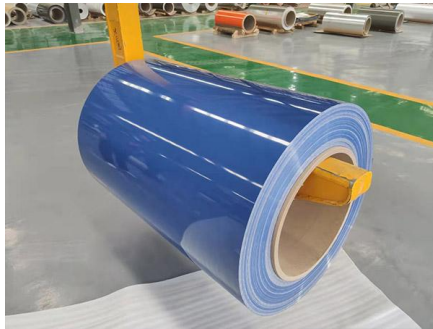




Colored Aluminum Sheet Coil



Colored aluminum sheets utilize high-quality coating materials that effectively resist UV rays, moisture, and salt spray, providing exceptional weather resistance. This means that even in harsh outdoor environments, these coils maintain vibrant colors and intact coatings over long periods without fading or peeling. This feature makes them ideal for exterior walls and roofing applications.

Known for the combination of functionality and aesthetics, colored aluminum coils are widely used in construction, home appliances, signage and transportation.

Specification of Colored Aluminum Sheet:

Alloy	1050, 1060, 1070, 1100, 3003, 5052, 5052, 5005, 5006, 5052, 5754, 5182
Thickness	0.2-1.5mm
Width	10-1800mm
Coating Surface	PVDF/ PE/HDP/FEVE/EOXY/ PU
Coating Thickness	Single Coating (4-20 Um)
	Double Coating (25-28 Um)
	Triple Coating (35-38 Um)
Temper	O,H12,H22,H14,H24,H16,H26,H18,H26,etc.
Color	All Ral Color or As Request
Type	Coil, Sheet, Strips, Plate, Foil
Applications	Roofing System and Ceiling Decoration
MOQ	2 tons per size

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 Colored Aluminium Sheet:

- 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.

Warrantly:



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	$\geq 3\text{H}$	$\geq 3\text{H}$
Adhesion	no lower than class 1	no lower than class 1
Flexibility	$\leq 2\text{T}$	$\leq 2\text{T}$
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

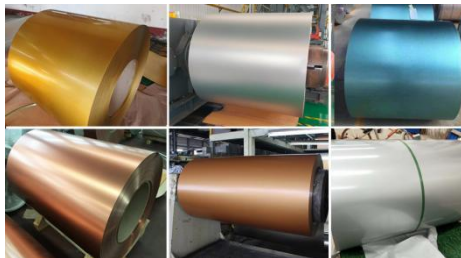
Color Options of Coloured Aluminium Sheet:

Standard Colors



The standard color of colored aluminum sheet 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 colored aluminum coil 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

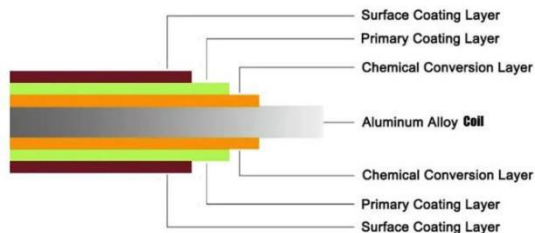


The printing series achieve natural texture effects such as wood grain and stone grain through special coating technology, providing more diversified choices for

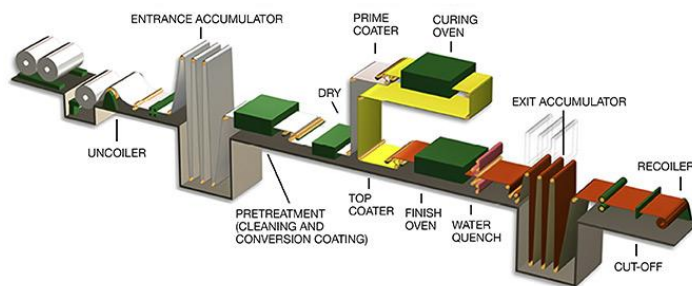


architectural design, suitable for places that pursue natural and environmental protection concepts.

Structure of Colored Aluminium Coils



Process of Coil Coating



Advantages of Colored Aluminium Sheet:

- Exceptional Durability:

High-performance PVDF coating resists fading, chalking, and corrosion for decades, even in harsh weather.

- Wide Range of Aesthetics:

Available in a vast spectrum of standard and custom colors and finishes (metallic, matte, woodgrain) for any design.

- Proven Compliance:

Manufactured to meet key North American standards (ASTM, CSA, AAMA 2605) for guaranteed performance.

- Lightweight & Strong:

Provides structural integrity while being easy to handle and install, reducing overall costs.

- Low Maintenance & Long-Lasting:

Stands up to the elements, requiring minimal upkeep over its long service life.



Applications of Coloured Aluminium Sheets:

Applications	Outdoor Applications	curtain wallboard, facades, solar collector, shutter doors, aluminum composite panel, roofing, gutter
	Indoor Applications	wall cladding, ceilings, bathrooms, kitchens and balconies, blinds, shutter doors, aluminum spacer
	Advertisement and Market Applications	display platforms, signboards, fascia and shop fronts, license plate/name plate, channel letter
	Transportation	truck and container

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)

