



White Aluminum Sheet



High-performance white aluminum sheet and coil are engineered for demanding applications in automotive, transportation, and construction industries.

Our white coated aluminum sheet products combine lightweight strength, corrosion resistance, and superior aesthetic appeal, making them the ideal choice for modern vehicle manufacturing (aluminum for car body, aluminum for truck body, aluminum for caravans) and

architectural projects like exterior cladding and interior paneling.

Specification of White Aluminum Sheet:

Alloy	1050, 1060, 1070, 1100, 3003, 3004, 3105, 5005, 5052, 5754, 5182, 6061, 8011
Thickness	0.2-1.5mm
Width	30-1800mm
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
Applications	Building, Decoration, Transportation, Signage, Electronics, Etc
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)

Color Options of White Coated Aluminum Sheet:

White coated aluminum sheets are available in various RAL codes, with the most common being



RAL 9006 (White Aluminium) and RAL 9016 (Traffic White) or RAL 9003 (Signal White). The specific RAL code depends on the desired aesthetic, with options ranging from a bright, solid white to a metallic-pigmented, silver-white finish.

Common RAL Codes for White Coated Aluminum

RAL 9006 White Aluminium: This is a classic metallic white that offers a polished, silvery appearance and is often used on vehicles and classic transport.

RAL 9016 Traffic White: A common choice for a standard, non-metallic white finish.

RAL 9003 Signal White: Another option for a bright, non-metallic white coating.

Coating Options of White 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.

Warranty:

Regular PE: 3-5 years;

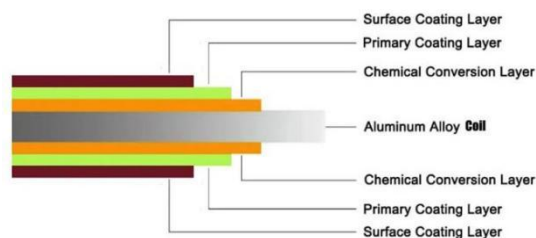
High Performance PE: 6-9 years;

PVDF: 15 years;

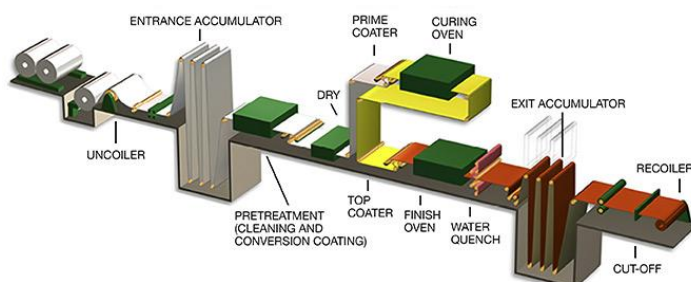
FEVE: Two coats: between 10-15 years

FEVE: Three coats: 15-20 years.

Structure of White Coated Aluminium Sheets



Process of Coil Coating



**Advantages of Color Coated White Aluminium Sheet:****Precision Finish:**

Our white aluminum sheets undergo advanced coating processes to deliver a uniform, UV-resistant white finish that retains color integrity even under harsh weather or chemical exposure.

Automotive & Transportation Excellence:

Designed for lightweight body panels and structural components, our white aluminum coil reduces vehicle weight by up to 45% compared to steel, improving fuel efficiency without compromising safety. Compatible with caravan manufacturing (aluminum for caravans), truck trailers (aluminum for truck body), and automotive repairs (aluminum for car body).

Architectural Durability:

Fire-resistant and weatherproof, our white aluminum sheet is perfect for building facades, highway signage, and interior decor. The non-combustible material meets international construction safety standards.

Customizable Solutions:

Available in thicknesses from 0.2mm to 5.0mm and widths up to 1,800mm. Optional PE/PVDF coatings enhance scratch resistance and lifespan.

Applications of Coloured Aluminium Sheets:**Vehicle Manufacturing:**

Carriage panels, truck trailers, caravan roofs, car body, caravan body

Construction:

Curtain walls, industrial roofing, partition systems

Specialty Uses:

Signage boards, refrigeration units, marine equipment

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)