

# **COLOR COATED ALUMINUM COILS**

**1-PVDF coils for exterior wall**

**2-PE coils for interior wall**

**3-Aluminium coils for roller shutters**

**4-Anit-static electricity coil**

**5-Coils for ceiling systems**

**6-Coils for cool roofing**

**7-Coils for pop can cover & ring-pull**

**8-Anti-microbial coils**

## **JAWAY MENTAL CORPORATION**

**Professional supplier of Aluminium products in Asia**

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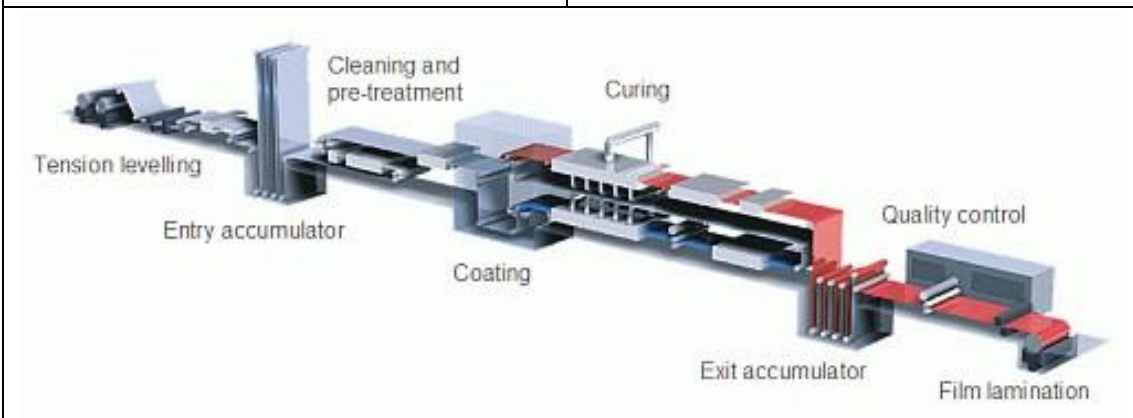
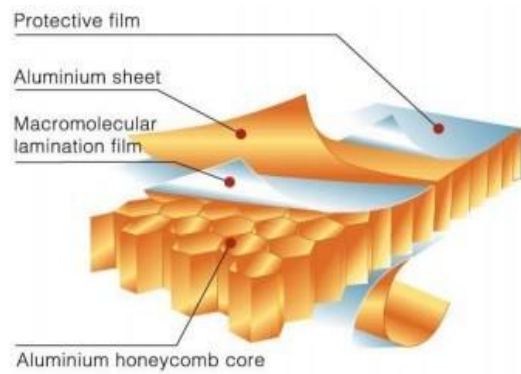
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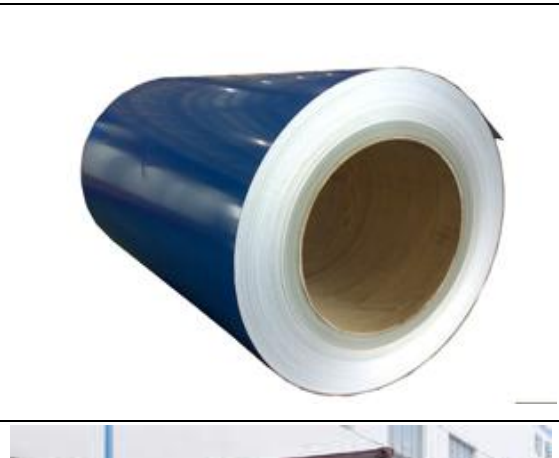
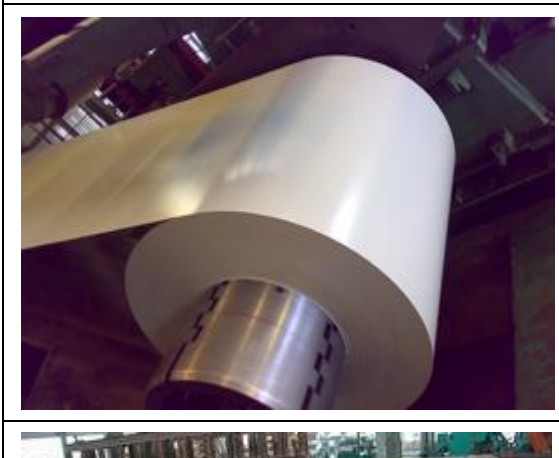
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# 1. PVDF coils for exterior wall

## PVDF Color Coated Aluminum Coil:

PVDF color coated aluminum coil with good PVDF paints and high performance of aluminum coil is produced by advanced roller coating. Fluorine atom has biggest electro negative performance and it can form a stable high bonding F-C, furthermore, it has special symmetry molecule structure.

### →Characteristic

- 1) Excellent weather-proof durability
- 2) Anti-ultraviolet
- 3) High erosion resistance
- 4) Stable color and gloss
- 5) Good mechanical processing performance
- 6) Abrasion resistance
- 7) Anti-impact
- 8) High flexibility

### →What we can supply

Thickness: 0.18mm-1.6mm

Width: 30-1800mm, mainly in 914, 1000, 1219, 1220,1250,1520,1270mm.

Surface Finished color : As per RAL standard

Outside diameter: as per the weight of coil, inside diameters: 508 mm

Per coil weights: 3-8 ton

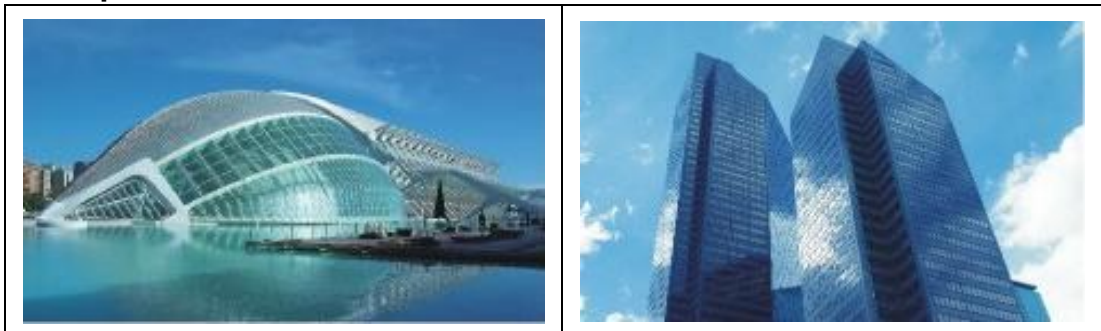
Main Alloy: 1100,8011,3003,5052, others alloy as per your requirements.

Packing condition: seaworthy

### →Application

PVDF color coated aluminum coil is the best & high class materials for top coils of ACP, aluminum sheets and honeycomb panels. Its laminated products are widely used for the decoration of the airport, exhibition halls, commercial buildings, star hotels and the curtains wall of high-class building.

### →Examples







## 2. PE coils for interior wall

### PE Color Coated Aluminum Coil:

PE color coated aluminum coil with good PE Paints and high performance of aluminum coil is produced by advanced roller coating. All performance parameters are up to or much higher than related national standards.

#### → Characteristic:

- 1) High gloss
- 2) Multi-choice colors
- 3) Impact resistance
- 4) Easy for processing

#### → What we can supply:

- 1) Thickness  $\leq 0.5\text{mm}$

Thickness: 0.026mm-0.5mm

Width: 800mm-1620mm

Per Coil Weights: <3MT

- 2) Thickness  $> 0.5\text{mm}$

Thickness: 0.5mm-1.6mm

Width:  $\leq 1620\text{mm}$

Per Coil Weights: <5MT

Main Alloy: 1100,8011,3003,5052,

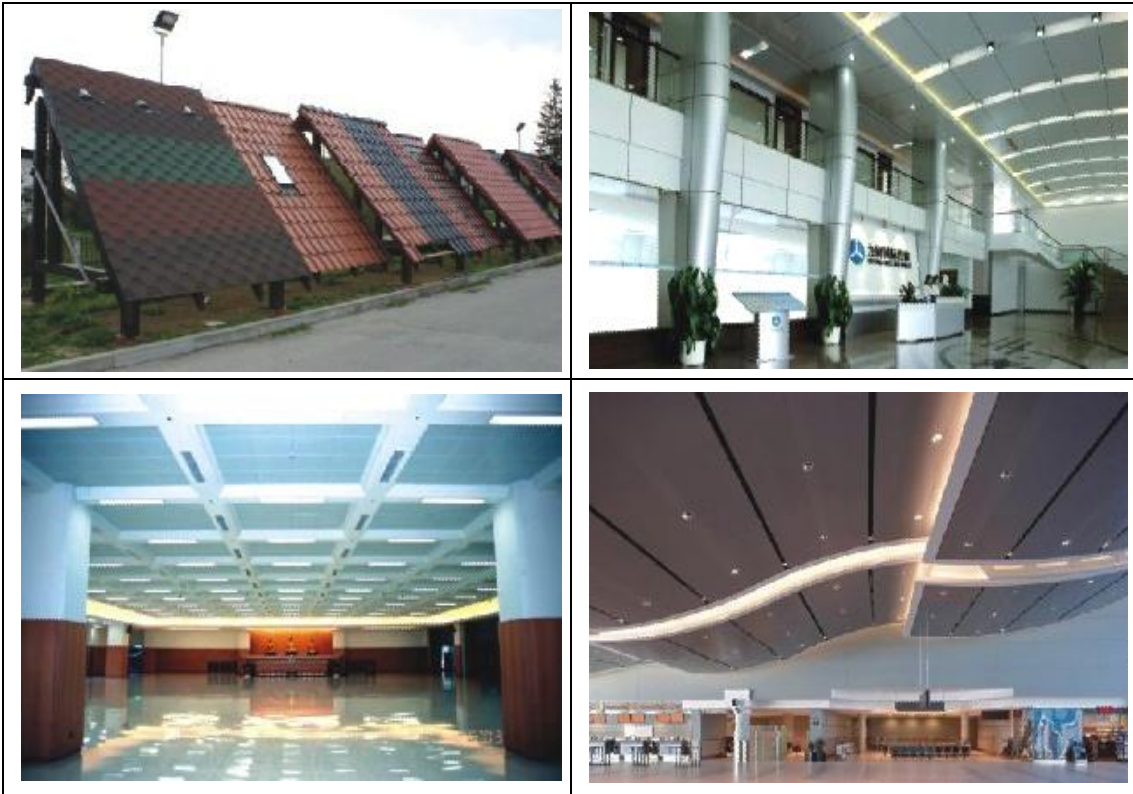
Main Width:1200mm,1240mm,1270mm,1520mm,1570mm,

Other alloy and width, as per your requirements.

#### → Application

PE Coil is widely and mainly used for building decoration, such as ACP, aluminum, ceilings, aluminum sheets, honeycomb panels and aluminum roofing, lighting decoration, household electrical appliances, food package (such as pop can cover & ring-pull), furniture ect.

→ **Examples**



### **3. Aluminium coils for roller shutters**

Anti-scratch color coated coils are made of high performance PUR/PA paints and good alloy aluminum coils, which is up to the international standard because of unique technology.

→ **Characteristic:**

- Good anti-abrasion performance
- High anti-scratch performance
- Easy for processing
- Others same as PE coil

→ **What we can supply:**

Thickness: 0.25mm-1.6mm

Width: 30-1800mm, mainly in 914, 1000, 1219, 1220,1250,1520,1270mm.

Per coil weight: < 3MT

Main Alloy: 1100,8011,3003,5052, others alloy as per your requirements.

→ **Application**

It's widely used in the decoration of airport, subway, shopping mall, and other public places. It also can be used in roller-shutter doors and windows.

→ **Examples**



#### **4. Anti- static electricity Color Coated Coil:**

The normal paints color coated aluminum coil has bigger electricity resistance, normally it is bigger than  $1.0 \times 10^9 \Omega$ . Our anti-static color coated aluminum coil is up to the standard SJ/T11159 of China National Electronic Industry, which is based on the testing method of flooring covering layer and the static performance of flooring assembling.

→ **Characteristic:**

- 1) Anti-static
- 2) High dirt resistance
- 3) easy for processing

→ **What we can supply:**

Thickness: 0.25mm-1.6mm

Width: 30-1800mm, mainly in 914, 1000, 1219, 1220, 1250, 1520, 1270mm.

Per coil weight: < 3MT

Main Alloy: 1100, 8011, 3003, 5052, others alloy as per your requirements.

→ **Application**

Anti-static color coated aluminum coil is suitable for instruments, meters, communication equipments, computer room and chemical products storage, food processing workshop ect. This surface of coil can be away from dust and static, it's good for making safe and clean environments.

→ **Examples**





## **5.Coils for ceiling systems**

### **Aluminium for ceiling systems:**

We supply you a broad range of coated aluminium products, specially designed to provide a long aesthetic life in a wide variety of ceiling systems.

### **Key features:**

We produce aluminium semis in different thicknesses and lacquer coatings for all types of ceiling cladding products.

We place great emphasis on the use of environmentally compatible materials and processes throughout our entire production chain.

The low weight of aluminium enables the cost-efficient cladding of larger ceiling areas and avoids the need for expensive support structures.

Alubend, a new generation of lacquer-coated aluminium, is able to reduce material thickness by up to 10 percent, with unchanged formability and rigidity guaranteed.

The running-meter advantage, which results from this reduction in thickness, makes this alloy the product of choice for the future.

### **Application:**

Ceiling and cladding products

### **Example:**



## **6.Coils for cool roofing**

## **8.Anti-microbial coils**

## **7.Coils for pop can cover & ring-pull**

The surface of the pop cans cover coating does not allow defects such as air bubbles, scratches, missing coating, over-burning, oil spots, stains, streaks, color, piebald, roller printing, embossing, periodic prints, chemical liquid etc which impact users.

Each coil allowed a joint which does not allow loose layer or dislocation, the joint can only be overlapped, which need to make the mark in the end, and each batch coil of joint is not more than 10% of the total number of coils.

Coating function

Supplier should ensure DOS oil of pop can cover is up to 5~10mg/m<sup>2</sup>/side, and coating surface should be with even wax which is up to 40~100mg/m<sup>3</sup>/side

Food and packing industry pop can cover coating aluminum panels' features.

Services

Supporting services: Offering semi-finished products & OEM services

## **All of COLOR COATED ALUMINUM COILS, as follow.**

Coated by PE paint or PVDF paint

Thickness: 0.25mm-1.6mm

Width: 30-1800mm, mainly in 914, 1000, 1219, 1220,1250,1500mm

Main Alloy: 1100,8011,3003,5052, others alloy as per your requirements

Supply Ability: 8000MT/Month

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