

Hot Sale China High Quality Prepainted Color Galvanized Coil With Factory Price

China prepainted color galvanized coil factory, provides China high quality prepainted color galvanized coil price.

The high quality prepainted color galvanized coil is based on hot dipped galvanized steel coil, hot aluminum zinc-coated plate, and electroplated zinc-coated plate. After surface pretreatment (chemical degreasing and chemical conversion), Apply one or more layers of organic paint to the surface, then baked and solidified and get the hot sale prepainted color galvanized coil. Most of the hot sale prepainted color galvanized coil is now China high quality prepainted color galvanized coil.

Application of the high quality prepainted color galvanized coil

Colour coils have light quality, beautiful and good anticorrosion performance, can be processed directly again, color divides commonly gray, sea blue, brick is red, basically apply to advertisement industry, building industry, home appliance industry, electric appliance industry, furniture industry, and transport industry. The professional China prepainted color galvanized coil factory, sell high quality prepainted color galvanized coil, welcome to consult prepainted color galvanized coil price.

The PPGI Coils is based on the GI GL Electrical galvanized coil, and pretreatment the chemical elements. Also because there are a variety of different color organic paint color steel coil from this, abbreviated color coated coils. In addition to the protection of the zinc layer, the organic coating on the zinc layer plays a protective role to prevent the steel band from rust. The service life is about 1.5 times longer than that of the galvanized band.

The Prepainted coated coil can be used in construction, building, electric appliance industry. The coating used in color coils can be used to select suitable resins according to different environments, such as polyester silicone-modified polyester, polyvinyl chloride plastic sol, polyvinylidene chloride, etc. Users can choose according to their purpose.

PPGI Technical parameters

1. Thickness: 0.25 ~ 1.0mm
2. Width: 800 ~ 1250mm
3. The inner diameter of steel coil
4. Volume weight: generally less than 5T
5. The outer diameter of steel coil
6. Belt penetration speed: 15m/min
7. Production line speed: 80-100m/s
8. Raw material type: galvanized, aluminum plated steel coil

Coating structure of the PPGI

Coating structure type

2/1: apply twice on the upper surface, once on the lower surface, and bake twice.

2/1m: apply twice on top and bottom surfaces, and bake once.

2/2: coat the upper and lower surfaces twice, and bake twice.

Use of different coating structures

2/1: corrosion resistance, poor scratch resistance, good adhesion, main to be applied to the sandwich board;

2/1M: good corrosion resistance, scratch resistance and machinability of back paint, good bonding properties, suitable for the single laminated plate and sandwich plate.

2/2: excellent corrosion resistance, scratch resistance and machining forming of double-layer back coating, mostly used for sating the laminated board, but its adhesion is not good, should not be used for sandwich board.

Classification of China high quality prepainted color galvanized coil

Hot Dipped galvanizing substrate the product obtained by applying an organic coating to hot-dip galvanized steel sheet is hot dip galvanized painted sheet. In addition to the protective effect of zinc, the organic coating on the surface also provides insulation protection and prevents rust. Generally, the zinc content of hot-dip galvanizing substrate is 180g/m² (both sides), and the highest amount of galvanizing for the external hot-dip galvanizing substrate is 275g/m².

Hot aluminum zinc base plate

Using hot aluminum zinc steel plate (55% Al - zinc) as a new TuJi plate, usually aluminum and zinc content of 150 g / m² (double). The corrosion resistance of hot-coated aluminum zinc plate is 2-5 times that of hot-coated zinc plate. To 490 °C high temperature continuous or intermittent use not serious oxidation or producing scale. Reflecting heat and light is twice as powerful as hot-dip galvanized steel, and a reflectivity greater than 0.75 is an ideal building material for energy saving.

Electrical Galvanized base plate

The zinc electroplating board is the baseboard, and the product baked with the organic coating is electro galvanized colored coating board. As the zinc layer of the zinc electroplating board is thin and usually contains 20/20g/m², this product is not suitable for outdoor wall and roof making. But because have beautiful appearance and excellent processing performance, because this basically can be used at home appliances, acoustics, steel furniture, interior decoration and so on.

The characteristics of the coils

Zinc coated base: thin coating, less corrosion-resistant than hot-dip galvanized the base.

Hot-dip galvanized base plate: the sheet is dipped into the molten zinc bath to adhere to a layer of zinc.

Hot aluminum zinc base plate

With 55%AL - Zn plating, this product has excellent corrosion resistance, its service life is more than four times that of common galvanized steel. It is the replacement of galvanized

sheet.

PPGI Coils features

1. It has good durability and the corrosion resistance is longer than galvanized steel;
2. It has good heat resistance and is less likely to change color at high temperature than galvanized steel.
3. Good thermal reflection;
4. It has similar processing performance and spraying performance to hot sale prepainted color galvanized coil;
5. Good welding performance.
6. Good performance cost ratio, durable performance, and competitive price. As a result, designers, engineers, and manufacturers have been using aluminum and zinc plating in industrial buildings, steel structures, and civil applications such as garage doors, eaves, and roofs. The professional China prepainted color galvanized coil factory, sell high quality prepainted color galvanized coil, welcome to consult prepainted color galvanized coil price.

Type of PPGI coils coating

Polyester (PE) good adhesion, rich color, a wide range of molding and outdoor durability, moderate chemical resistance, low cost.

Silicon-modified polyester that is (SMP), a coating of good hardness, wear resistance and heat resistance, as well as good external durability and powder resistance, gloss retention, general flexibility, moderate cost.

High durability polyester namely (HDP), excellent color retention and UV resistance, excellent outdoor durability and powder resistance, good adhesion of paint film, rich color, excellent cost performance.

Polyvinylidene fluoride namely (PVDF), excellent color retention and UV resistance, excellent outdoor durability and powder resistance, excellent solvent resistance, good molding and dirt resistance, limited color, and high cost. Most of the hot sale prepainted color galvanized coil is now China high quality prepainted color galvanized coil.