

## **Hot Sale High Quality Prepainted Galvanized Steel Coil In Stock With Factory**

China prepainted galvanized steel coil factory, produce hot sale high quality prepainted galvanized steel coil in stock and price.

PPGI Steel Manufacture is made of a hot-dipped galvanized sheet or galvalume plate etc. After surface pretreatment (chemical degreasing and chemical conversion treatment), one or several layers of organic coating are applied on the surface and then baked and solidified. Also because there are a variety of different color paint steel coil from this, abbreviated prepainted galvanized steel coil with all RAL color code.

The high quality prepainted galvanized steel coil using a hot-dip galvanized steel strip as a base material in PPGI steel manufacture. The organic coating on the zinc layer provides coverage and protection against rust and the service life is about 1.5 times longer than that of the galvanized steel. The professional China prepainted galvanized steel coil factory, hot sale prepainted galvanized steel coil, welcome to consult the China prepainted galvanized steel coil price.

Color coated steel sheet with excellent decoration formability, corrosion resistance, coating adhesion, to keep their original color. As the color coated steel sheet can be made of steel and taken the place of wood, it has gained the good economic results of efficient construction, energy conservation, pollution prevention, in the meanwhile made the quality higher than the metal coating formed on the surface of single spray or brush, which is more uniform, more stable and better and become an ideal material for manufacture of building boards. We have prepainted galvanized steel coil in stock and are selling high quality prepainted galvanized steel coil.

Prepainted Galvanized Steel Coil with All RAL Color Code is a 'metal on which a coating material (e.g. paint, film...) has been applied by coil coating'. When applied onto the metallic substrate, the coating material (in liquid, in paste or powder form) forms a film possessing protective, decorative and/or other specific properties. In 40 years, the European prepainted metal production has multiplied by 18.

The choice of metallic substrate is determined by the dimensional, mechanical and corrosion resistance properties required of the coated product in use. The most common metallic substrates that are organically coated are:

1. Hot dip galvanized steel (HDG) which consists of a cold reduced steel substrate onto which a layer of zinc is coated via a hot dip process to impart enhanced corrosion properties onto the base.
2. Galvanized mild steel (GMS) can be used as balustrade and handrail of staircase, pipe and etc. Other zinc-based alloys are coated onto steel and used as a substrate for coil coating, giving different properties. They give improved corrosion resistance in particular conditions.
3. Electro-galvanized (EG) coated steel consists of a cold reduced substrate onto which a

layer of zinc is coated by an electrolytic process.

4. Cold reduced steel (CR) without any zinc coating wrought aluminum alloys many other substrates are organically coated: zinc/iron, stainless steel, tinplate, brass, zinc, and copper.

### Coatings

A wide range of organic coatings is in use for prepainted metal, developed in order to provide different levels of durability and performance or to satisfy different aesthetic requirements. The most commonly applied coatings are based on liquid paints, although films (also known as laminates) and powder coatings are used in smaller quantities. These are liquid paints (e.g. primers, finishes/backing coats, polyesters, plastisols, polyurethanes, polyvinylidene fluorides (PVDF), and epoxies), powder coatings and laminate films.

Liquid paints account for more than 90% of the coatings used for prepainted metal. Films are often used where very high aesthetic quality is required. Variations in film thickness, colors and finish (smooth, structured or printed) can be achieved. Powder coatings can be described as "solid paint" which can be melted to form a continuous film over the substrate. Each type of coating has its own specific advantages, be it thickness, gloss, hardness, flexibility, durability in harsh weather or resistance to chemical attack. The choice of the most suitable system must be based on its usage and expected performance. We have prepainted galvanized steel coil in stock and are selling high quality prepainted galvanized steel coil.

Category of Painting	Item	Code	
	Polyester	PE	
	High-durability polyester	HDP	
	Silicon modified fluoride	SMP	
	Polyvinylidene	PVDF	
	Easy-Cleaning		
Painting structure	Topside:20+5 microns		
	Bottom side:5~7 microns		
Color System	Produce according to RAL Color System or as per buyer's color sample.		
Painting structure	Top surface	Bottom surface	
	Primer coating	No coating	1/0
	Primer coating	Primer coating	1/1
	The primer coating +Finish coating	No coating	2/0
	The primer coating	Primer coating or single	2/1

	+Finish coating	back coating	
	The primer coating +Finish coating	Primer coating back coating	+Finish 2/2

### Advantages of Prepainted Galvanized Steel Coil

1. with quality assurance and certification.
2. with technology strength and power.
3. Shortest delivery time.
4. Authentication service and Sincere Caring Services.

### Application of Prepainted Galvanized Steel Coil

1. Buildings and constructions: roofing, ceilings, gutters, venting lines, indoor decorations, window frames, etc.
2. Electrical appliances: computer shells, washing machines, refrigerators, dehumidifiers, video recorders, water heaters, etc.
3. Agricultural equipment: troughs, feeding tools, agricultural driers, irrigation channels, etc.
4. Vehicle parts: back-seat plates of buses and trucks, conveying systems, oil tanks, etc.

### Standard Export Packing of Prepainted Galvanized Steel Coil

Standard export packing, 4 eye bands and 4 circumferential bands in steel, galvanized metal fluted rings on inner and outer edges, galvanized metal and waterproof paper wall protection disk, galvanized metal and waterproof paper around the circumference and bore protection for rolled galvanized sheet metal gauge thickness galvanized corrugated steel coil.

Name: HENZE PPGI Steel Prepainted Galvanized Steel Coil with All RAL Color Code

Standard: AISI, ASTM, BS, DIN, GB, JIS

Grade: SPCC

Thickness: 0.14-1.2mm

Place of Origin: Shandong, China (Mainland)

Brand Name: Hengze

Model Number: 0.12-2.0mm\*600-1250mm

Type: Steel Coil

Technique: Cold Rolled

Surface Treatment: Coated

Special Use: High-strength Steel Plate

Width: 600-1250mm

Length: As your requirements

Top coating thickness: 20-25um

Paint: PE, SMP, PVDF, HDP

Packaging: Standard export seaworthy packing

Back coating thickness: 5-7um

Coil ID: 508mm, 610mm

Coil weight: 3-8 mt

Zinc coating: 40-275 g/m<sup>2</sup>

Color: All RAL colors or customers samples color

Payment: 30% deposit, 70%byT/T against B/L copy or by L/C

Product Name: Price hot color coated hot galvanized steel coil

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