

# **Prepainted Galvanized steel**



#### Introduction

Color coated steel sheet is a novel precoated band steel product which rapidly develops internationally in the recent thirty years. It is made by performing processes such as chemical pretreatment, primary coating and fine coating on a high-speed continuous operating unit. The color coated steel sheet has the advantages of excellent decorativeness, formability, corrosion resistance and environment friendliness, strong adhesive force of the coating, and long-time color freshness. Achieving good economic benefits such as substituting steel for wood, efficient construction, energy saving, pollution prevention, etc., it has become an ideal material for manufacturing building sheets, external decorative materials, home appliances and electric appliances at present.

Under the philosophy of "Vigoriously Developing Enterprise by Technology", the company adopts American direct-fired heating technology, greatly reducing energy consumption and reducing cost; the roller coater adopts the most advanced French technology on the world, and the plant construction adopts high-cleanliness sealing method, meeting the requirements of dust-free production and ensuring product quality; to meet the demand of the market on high-end color-coated sheets, the company has increased three-color printing process, which meets the demand of high-end users. At present, most domestic sheets are ordinary color-coated sheets, so that high-grade color-coated sheets with high technical content have wide market prospect in China.

#### **Applications**

- Box Type Container
- ■Furniture and office equipment
- Transportation Industry
- Agricultural Equipment
- Other: Electrical and Lighting Equipment



### **Specification**

cerfificate ISO9001:2008

standard JIS G3302,GB/T-12754-2006,EN10142

grade CGCC,CGCH,CGCD1-CGCD3,CGC340-CGC570,GRADE

type Steel coil Steel sheets/plates Corrugated steel Sheets/plates

technique cold rolled

thickness 0.16-2.0mm

width 50-1250mm

length as customer demand

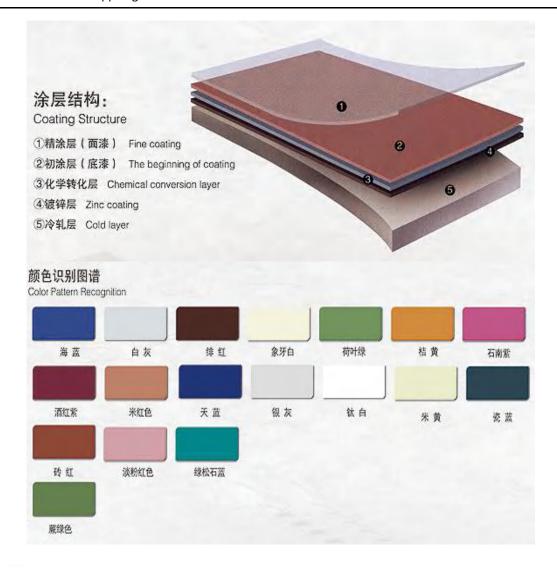
coil weight <10MT/MAX

coil diameter 508mm

color all RAL color number

painting thickness top side:20 + - 5 microns bottom side: 5-7 microns

base metal hot dipped galvanized steel





### Base mental for the prepainted galvanized steel

### Standard:GB

Mark	Yield Strength/Mpa	Tensible Strength/Mpa	Percentage Elongation After	R90 Not less than	N90 Not less than
DX51D+Z,DX51D+ZF		270-500	22		
DX52D+Z,DX52D+ZF	140-300	270-420	26		
DX53D+Z,DX53D+ZF	140-260	270-380	30		
DX54D+Z	120,220	260-350	36	1.6	0.18
DX54D+ZF	120-220		34	1.4	0.18
DX56D+Z	120-180	260-350	39	1.9	0.21
DX56D+ZF	120-180		37	1.7	0.2
DX57D+Z	120.170	260-350	41	2.1	0.22
DX57D+ZF	120-170		39	1.9	0.21

### Standard:ASTM

		Typical Ranges	of Mechanical Propert:	es	
	Longitudinal Direction				
Designation	Yi	eld Strength	Elongation in 2	r <sub>m</sub> Value <sup>c</sup>	n Value <sup>D</sup>
	ksi	Mpa	in.[50mm],%		
CS Type A	25/55	[170/380]	≥20	Ē	Ē
CS Type B	30/55	[205/380]	≥20	E	E
CS Type C	25/60	[170/410]	≥15	Ē	Ē
FS Type A	25/45	[170/310]	≥26	1.0/1.4	0.17/0.21
and B					
DDS Type A	20/35	[140/240]	≥32	1.4/1.8	0.19/0.24
DDS Type C	25/40	[170/280]	≥32	1.2/1.8	0.17/0.24
EDDS <sup>F</sup>	15/25	[105/170]	≥40	1.6/2.1	0.22/0.27

## GI,PPGI STEEL IN COIL





### STEEL COIL LOADING IN CONTAINER



