



· 彩涂铝板·彩涂钢板·彩涂不锈钢板
· 铝镁锰屋面板·静电粉末彩涂板
· 纳米防腐隔热板·镀锌板·印花板



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山东金立盛新材料有限公司

SHANDONG JINLISHENG NEW MATERIALS CO., LTD

手机/Mob:13406187893 微信/Wechat:13406187893

地址/Add: 山东·滨州博兴县兴福镇工业园

Xingfu Industrial Park, Boxing County, Binzhou, Shandong Province



品牌/卓越/专注/领航/未来

**SHANDONG JINLISHENG
NEW MATERIALS CO., LTD**

山东金立盛新材料有限公司

山东金立盛新材料有限公司坐落于素有“江北温州”美誉的博兴县新型金属材料产业园，地处华东、华北经济区结合点，南靠淄博，北依滨州，东濒黄海，西连河北，交通便利。公司本着“诚信、求精、创新、高效”的经营理念，以客户所需为目标，坚持服务客户，回报客户。公司秉承商者无疆，相融共生，至诚守信，共创共赢的公司宗旨，不断提升产品的竞争力，成为国内专业的、具有竞争力的先进新型板材生产企业！

我公司致力开发新型涂镀板材，打造具有国际竞争力的一流涂镀板材制造企业，发展新材料、技术研发、产品检验、国际贸易等多元支柱产业，打造起点高、成长快、前景好的新增增长极，实现多元业务与钢铁主业的协同发展，主导产品：彩涂铝板、彩涂钢板、彩涂不锈钢板、铝镁锰屋面板、彩涂粉末涂层板、纳米防腐隔热板、镀锌板、印花板等。

公司凭借先进的管理方式，以良好的企业文化氛围为主流，树立诚信、严谨、高效的敬业精神，以求干才壮大，以创新发展的态度，积极完善自身，开拓市场，用质量塑形象，以信誉创发展，努力打造与客户和谐共赢的良好理念。达到立足国内，放眼国际，永续经营的目标。专业于钢板生产，专注于产品质量，专心于客户服务，与您携手前行，共创辉煌！

Shandong Jinlisheng New Materials Co., Ltd. is located in the Boxing County New Metal Materials Industrial Park. Known as the "Jiangbei Wenzhou". It is situated at the junction of the East China and North China economic zones, with Zibo to the south, Binzhou to the north, the Yellow Sea to the east, and Hebei to the west, with convenient transportation. The company adheres to the business philosophy of "integrity, excellence, innovation, and efficiency", with customer needs as the goal, insisting on serving customers and rewarding them. The company adheres to the principle of business without boundaries, integration and symbiosis, sincerity and trustworthiness, and creating win-win situations. We continuously improve the competitiveness of our products and become a professional and competitive advanced new type of sheet metal production enterprise in China!

Our company is committed to developing new types of coated sheet metal, building a first-class coated sheet metal manufacturing enterprise with international competitiveness, developing diversified pillar industries such as new materials, technology research and development, product inspection, and international trade, creating a new growth pole with high starting point, fast growth, and good prospects, and realizing the coordinated development of diversified business and steel plate main business.

Our leading products include: color coated aluminum plate, color coated steel plate, color coated stainless steel plate, aluminum magnesium manganese roof panel, electrostatic powder color coated plate, nano anti-corrosion insulation board, galvanized plate, printed board, etc.

The company relies on advanced management methods and a good corporate culture atmosphere as the mainstream, establishing a spirit of integrity, rigor, and efficiency, striving for growth through practical work, and adopting an attitude of innovation and development. It actively improves itself and explores the market. Build an image with quality, create development with reputation, and strive to create a good concept of harmony and win-win with customers. To achieve the goal of being based domestically, looking internationally, and operating sustainably. Specializing in steel plate production, focusing on product quality, and dedicated to customer service, we work hand in hand with you to create brilliance!



镀锌板 GI, HGI, CGI STEEL

(HOT DIPPED GALVANIZED STEEL)



镀锌板 GI, HGI, CGI STEEL

(HOT DIPPED GALVANIZED STEEL)

镀锌板

应用领域

热浸镀锌钢板表面平整，外观亮丽，以其良好的耐腐蚀性和加工性能被广泛应用于彩涂基板、建筑、家电、汽车、容器制造等行业。

建筑

屋面、墙盖、通风管道、落水槽、下水道、隔墙龙骨等；

船舶制造业

汽车、火车等各种车辆的外壳和内部结构件。船舶的顶棚及隔墙等；

容器制造业

制作石油容器和各种化工原料的盛装罐、工业槽、水箱、军工的子弹箱、火药桶、啤酒的发酵缸、粮仓、配电柜、集装箱、拖把桶等；

家电、家具

洗衣机、电冰箱、空调和吸尘器的背板外壳；衣柜、桌子、床头柜、档案柜、文件柜、书架等各类家具；

其他

机械构件、马达制造外壳、工农业各种烟筒、管道、机械冷库等。

Galvanized plate :

Application field

With even surface and beautiful appearance ,hot dip galvanized plate is widely used in pre-painted base plates,construction,household appliance,automotives,container manufacturing and other industries.

Construction

Roofing,walls ,ventilation ducts,rain troughs,sewers,partition studs,etc.

Vehicle and vessel manufacturing

Shells and internal structural parts of cars,trains and other vehicles.Top covers and partitions of vessels.

Container manufacturing

Containers for producing petroleum and barrels for containing different kinds of chemical raw materials,industrial troughs ,water tanks,military bullet cases,fermentation vats for beer,barns,distribution cabinets ,containers,fertilizer boxes,etc.

Household appliances,furniture

Backboard shells of washing machine,refrigerator,air conditioning and dust collector ,wardrobes,tables,night tables,file cabinets,file cabinets,file boxes,bowl shelves and other furniture.

Others

Machinery structural parts,manufacturing shells of motor,different kinds of smoke tubes,pipes,mechanized refrigerated warehouse,etc.

技术参数 Specification

厚度 Thickness	0.09-1.2MM	锌层种类 Variety of zinc coating	锌、铝锌硅 Zinc,Aluminum zinc silicon
宽度 width	500-1250MM	表面状态 Surface condition	正常锌花、小锌花、无锌花 Regular spangle,Minimal spangle and zero spangle
涂层重量 coating weight	30-120g/m ²	表面处理 surface treatment	钝化 Chromated
卷重 weight	MAX10MT	卷内径 COIL ID	508/610MM

镀锌板 GI, HGI, CGI STEEL

(HOT DIPPED GALVANIZED STEEL)



产品结构分类与规格范围 Product structures classification and specifications range

产品规格 PRODUCT SPECIFICATIONS

项目 Project	公称厚度 Nominal thickness	公称尺寸 Nominal dimensions/mm
公称厚度 Nominal thickness	钢板及钢带 Steel plate and steel belt	0.15-1.2
公称厚度 Nominal thickness	纵切钢带 Longitudinal cutting steel belt	1000-1250
公称长度 Nominal length	钢板 Steel plate	<600
公称长度 Nominal length	钢带及纵切钢带 Steel belt and longitudinal cutting steel belt	1000-8000
公称长度 Nominal length	钢带及纵切钢带 Steel belt and longitudinal cutting steel belt	610或508

※钢板及钢带的公称尺寸范围应符合表内规定，经供需双方协商，也可提供其他尺寸规格的钢板及钢带，纵切钢带特指由钢带(母带)经纵切后获得的窄钢带，宽度一般在600mm以下。

※Steel plate and steel belt's nominal dimension range shall comply with regulations in the Table; after negotiations by two parties, and it's allowable to supply steel plates and steel belts of other dimensions; besides, longitudinal cutting steel belts specially refer to narrow steel belts(master tape)obtained after longitudinal cutting, with the width less than 600mm.

镀层表面结构分类 CATEGORY OF STRUCTURES OF CLAD LAYER

分类项目 Classification item	类别 Category	代号 code
镀层种类 Types of clad layer	纯锌镀层 Zinc clad layer	Z
镀层种类 Types of clad layer	锌铁合金镀层 Zinc-iron alloy's clad layer	ZF
镀层形式 Patterns of clad layer	等厚镀层 Clad layer with uniform thickness A(g / m ²) / B(g / m ²)(A=B)	A / B
镀层形式 Patterns of clad layer	差厚镀层 Clad layer with different thickness A(g / m ²) / B(g / m ²)(A≠B)	

A为钢带的外表面镀层或钢板上的表面镀层重量(g / m²)；B为钢带的内表面镀层重量或钢板的下表面镀层重量(g / m²)。经供需双方协商，等厚镀层代号可以用双面重量之和表示。

※A refers to the weight of clad layer on the outside surface of the steel belt or the clad layer on the surface of the steel plate(g / m²)；B refers to the weight of clad layer on the inner surface of the steel belt or the clad layer on the lower surface of the steel plate(g / m²)。After negotiation by both parties, clad layer with uniform thickness may be indicated by the sum of two surfaces' weight.

镀(铝)锌板 GI&GL PLATE

PLATED (ALUMINUM) ZINC PLATE



镀(铝)锌板 GI&GL PLATE

PLATED (ALUMINUM) ZINC PLATE

我公司生产的镀锌板是冷轧板表面镀有一层以锌为主要原料的钢板，被广泛用于建材装饰(复合板、玻璃瓦、卷帘门)、日常生活用品(洗衣机、电冰箱、烤箱)及包装容器等。

公司设备配置精良，技术力量雄厚，可生产0.10~1.20×700~1250 xC各种规格的镀锌钢板，其中生产的0.10~0.15×1000xC的超薄大锌花镀锌板处于国际先进水平，填补了国内空白，具有不可比拟的优势。

热浸镀锌生产工艺流程：

原料(冷轧钢卷)→开卷→剪切头尾→焊接→碱液清洗→碱液水洗→电解脱脂→水刷洗→热风干燥→入口活套→还原退火→热浸镀锌→锌层控制(气刀)→冷却→光整→拉伸弯曲矫直→钝化→烘干→出口活套→卸卷→钢卷称重→包装→入库

The galvanized sheet produced by our company is coated with a layer of zinc as the main raw material on the surface of the cold-rolled sheet. It is widely used in building materials decoration (composite panels, glass tiles, rolling doors), daily necessities (washing machines, refrigerators, ovens). And packaging containers, etc.

The company has excellent equipment configuration and strong technical force. It can produce galvanized steel sheets of various specifications ranging from 0.10 to 1.20×700~1250 xC. The ultra-thin large zinc galvanized sheets produced by 0.10~0.15×1000xC are at the international advanced level. The domestic gap has an incomparable advantage.

Hot dip galvanizing production process:

Raw materials (cold rolled steel coil) → unwinding → shearing head and tail → welding → lye washing → lye scrubbing → electrolytic degreasing → water scrubbing → hot air drying → inlet looping → reduction annealing → hot dip galvanizing → zinc layer control (air knife) → cooling → finishing → stretching and bending straightening → passivation → drying → export loop → unloading → steel weighing → packaging → instock



彩涂板 PPGI&PPGL STEEL

(PRE-PAINTED GALVANIZED STEEL AND PREPAINTED GALVANIZED STEEL)

产品知识：

彩涂钢板的基板为冷轧基板，热镀锌基板和电镀锌基板，彩铝板的基板为铝板。

涂层种类可分为：

聚酯 (PE) 附着力良好，在成型性和室外耐久性方面范围较宽，耐化学药品性中等。使用寿命7-10年。

硅改性聚酯 (SMP)，涂膜的硬度、耐磨性和耐热性良好，以及良好的外部耐久性和不粉化性，光泽保持性和柔韧性有限。使用寿命10-15年。

高耐候聚酯 (HDP)，抗紫外线性能优良，具有很高的耐久性，其主要性能介于聚酯和氟碳之间。使用寿命10-12年。

聚偏氟乙烯 (PVDF)，具有良好的成型性和颜色保持性，优良的室外耐久性和粉化性、抗溶剂性，颜色有限。使用寿命20-25年。

彩涂钢板的表面状态可分为涂膜板、压花板和印花板，彩涂钢板广泛用于建筑家电和交通运输等行业，对于建筑业主要用于钢结构厂房、机场、库房和冷冻等工业及商业建筑的屋顶墙面和门等。

彩色涂层钢板具有的广泛用途

优秀的耐候性、耐蚀性、高加工性和美观的外观，以其优异的品质包括建筑内、外装材，家用产品和电气器具用品等多方面的用途上

彩色涂层钢板的产品介绍

彩色涂层钢板是以热镀锌钢板为基材，经过多道脱脂、清洗、化学转化处理，然后对钢带进行连续涂漆、烘烤。彩涂钢材具有优良的装饰性、抗腐蚀性、耐候性、高加工性和美观的外观，以其优异的品质包括建筑内、外装材，家用产品和电气器具用品等多方面的用途上应用的首选产品。

彩色涂层钢板的主要用途

建造别墅、工业厂房、商业、住宅、仓库、冷库、船仓、内装壁材、天花板、隔板、防火门、窗板、招牌、幕墙/瓦斯钢、米桶、原有建筑加层等工程，可灵活适用于任何建筑。

彩色涂层钢板的产品优势

无污染、经济性：能减少有关涂饰设备的投资费用和工作人员，缩短工作时间以及改善工作而提高经济性，今后因为提高环境保护的法规和加强工业管制，所以更需要彩色钢板。

颜色识别图谱

COLOR DISCRIMINATION MAPS



由于印刷颜色与油漆颜色有差距，彩色卡仅供参考，请以实物为准！

Due to the difference between the printing color and the color of the paint, the color card is for reference only, please prevail in kind!

彩涂板 PPGI&PPGL STEEL

(PRE-PAINTED GALVANIZED STEEL AND PREPAINTED GALVANIZED STEEL)

Products information:

The substrate of the color coated steel sheet is a cold rolled substrate, a hot-dip galvanized substrate and an electrogalvanized substrate, and the substrate of the colored aluminum plate is an aluminum plate.

The types of coatings can be divided into:

Polyester (PE) has good adhesion, a wide range of formability and outdoor durability, and moderate chemical resistance. The service life is 7-10 years.

Silicon modified polyester (SMP), which has good hardness, wear resistance and heat resistance, good external durability and non-powderability, and limited gloss retention and flexibility. The service life is 10-15 years.

High weathering polyester (HDP), excellent UV resistance, high durability, and its main properties are between polyester and fluorocarbon. The service life is 10-12 years.

Polyvinylidene fluoride (PVDF) has good formability and color retention, excellent outdoor durability and powdering, solvent resistance, and limited color. The service life is 20-25 years.

The surface state of color-coated steel sheets can be divided into coated sheets, embossed sheets and printed sheets. Color-coated steel sheets are widely used in construction appliances and transportation industries. For the construction industry, they are mainly used in steel structures, airports, warehouses and freezers. Roof walls and doors for industrial and commercial buildings.

Wide range of uses for color coated steel sheets

Excellent weather resistance, corrosion resistance, high processability and beautiful appearance, with its excellent quality including construction interior and exterior materials, household products and electrical appliances, etc.

Product introduction of color coated steel

The color coated steel plate is made of hot-dip galvanized steel sheet, which is subjected to multi-stage degreasing, cleaning and chemical conversion treatment, and then the steel strip is continuously coated, cleaned and baked continuously. Color coated steel has excellent decorative, anti-corrosion, weather resistance, full color, bright color (can be maintained for more than 15 years), long service life (30-50 years), wide use, and has become widely used in the construction industry in the world today. Preferred product.

Main use of color coated steel

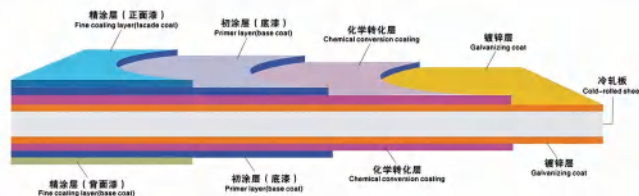
Construction of villas, industrial plants, commercial, residential, warehouse, cold storage, ship warehouse, interior wall materials, ceiling materials, partitions, fire doors, window panels, signboards, fuel/gas boilers, rice barrels, original building plus layers, etc. It can be flexibly applied to any building.

Product advantages of color coated steel

Non-polluting, economical: It can reduce investment costs and staff of finishing equipment, shorten working hours, improve work and improve economy. In the future, because of raising awareness of environmental protection and strengthening industrial control, color steel plates are more needed.

2/2涂层结构

2/2 COATING STRUCTURE



彩涂板 PPGI&PPGL STEEL

(PRE-PAINTED GALVANIZED STEEL AND PREPAINTED GALVANIZED STEEL)

产品用途

彩色涂层钢板，简称“彩涂板”，是指基板经表面预处理后，以连续辊涂的方式在其表面涂覆一层或二层（必要时也可涂三层以上）有机涂料，然后进行烘烤固化而成的产品。

彩色涂层钢板的涂装质量远比对成型金属表面进行单件喷涂或刷涂的质量更均匀，更稳定，更理想。彩色涂层钢板具有优异的装饰性、成型性、抗腐蚀性、涂层附着力强，可长期保持色泽新貌。由于彩色涂层钢板既有钢板的机械强度和成型性能，又具有有机材料良好的装饰性、耐腐性，实现了高效施工，节约能源，防止二次加工所带来的污染等良好的经济效益，已成为当今建筑、家电、轻工、机电产品等行业理想的复合材料。

应用领域

建筑上的应用

(1) 室外建筑应用主要是：屋顶、屋顶结构、阳台面板、窗框、大门、车库门、卷帘门、售货亭、百叶窗、看守所、简易房、候车室(亭)、冷冻库等等；

(2) 室内应用主要是：厦门、间壁、门框、房屋轻钢结构、拉门、天花板、屏风、卫生间内装、电梯内装、电梯前厅等等。

电器上的应用

冰箱、冷冻食品陈列柜、洗衣机、电烤箱、盆式录音机、放大器、自动售货机、空调机、电子计算机、复印机、开关柜、仪表柜、电风扇、吸尘器等等。

运输业上的应用

汽车天花板、背板、围板、内部装饰板、车壳、车箱板、轿车、仪表盘、操作台外壳、电车、列车天花板、隔板、内壁门、车内器、轮胎颜色板、船上家具、地板、集装箱等等。

铝加工和家具上的应用

乐器外壳、电子琴、体重器、垃圾箱、计量器、仪表盘、保温瓶外壳、照相器材、打字机、告示板、钟表、打火机、包装容器等等。

技术规范

1. 基板

按JIS G3302 或GB/T2518标准供货

镀层：Z30、Z40、Z60、Z80、AZ30、AZ40、AZ60、AZ80

2. 涂层

彩涂：按照根据国家标准GB/T12754制定的更严格的内控标准供货。

涂料品种：内外聚酯、硅改性聚酯、环氧树脂、醇酸树脂、丙烯酸、聚氨酯、丙烯酸、聚氨酯、丙烯酸、聚氨酯。

涂层颜色：根据用户需求选择。

涂层结构：2/1 2/2。

涂层厚度：上表面 > 20μm, 下表面 5-15μm, 或者根据用户需求选择。



彩涂板 PPGI&PPGL STEEL

(PRE-PAINTED GALVANIZED STEEL AND PREPAINTED GALVANIZED STEEL)

INTRODUCTION

Pre-painted galvanized steel refers that the surface pretreatment of base plate, covering one layer or two layers (more than two layers when necessary) organic coating on the surface with the method of continuous roller coating and then conduct drying and solidifying.

Compared with single part spraying or brushing on the surface of forming metal, the coating quality of color-coated steel plate is more uniform, stable and ideal. Pre-painted steel plate is characterized of excellent decoration, moldability, corrosion resistance, strong coating adhesive force and can keep the novel luster for a long time. Since color-coated steel plate has not only mechanical strength and shaping performances of steel plate, but also favorable decoration and corrosion resistance of organic material, it can realize highly effective construction and husband the energy, prevent the pollution caused by second process and other favorable economic benefits. Currently, it has become the ideal composite material in construction, household appliance, light industry, machinery and electronics and other industries.

Application in electrical appliance

Refrigerators, display cases of frozen foods, washing machines, electric ovens, pan recorders, amplifiers, auto booths, air-conditioners, electronic computers, duplicating machines, switch cabinets, instrument cabinets, electric fans, dust collectors, etc.

Applications in the transportation industry

Car ceilings, back boards, boarding, interior decorating plates, vehicle shells, trunk plates, passenger cars, instrument plates, shells of control consoles, trolleys, tram cars, train ceilings, partitions, inner walls, doors, inner devices of vehicle, color partitions of steamship, ship furniture and floors, containers, etc.

Applications in the sheet metal processing and furniture

Ventilation heating stoves, petroleum furnaces, shell of electric water heaters, counters, racking, signboards, binding lighting lamps, wardrobes, sofas, chairs, lockers, file cabinets, book shelves, etc.

Applications in other aspects

Shells of musical instrument, electronic organs, weight counts, dustbins, gauges, instrument plates, shell of vacuum flasks, photographic equipment, typewriters, bulletin boards, watches, lighters, packing containers, etc.

Technical indicators

1. Base plate

According to JIS G3302 or GB/T2518 standards

Zinc coating: Z30, Z40, Z60, Z80, AZ30, AZ40, AZ60, AZ80

2. Coating

Pre-painted steel sheet supply the goods accord with the more strict internal control standard, which is established according to national standard. Paints variety: Polyester for internal and external use, silicon modified polyester, highly durable polyester, epoxy resin, alkyd, ethylene resin, polypropylene, polyvinylidene fluoride and fluorocarbon.

Coating color: it is selected according to customer requirements.

Coating structure: 2/1 2/2

Coating thickness: Top side > 20μm, back side is 5-15μm, or it is selected according to customer requirements.

技术参数 Specification

规格 Size (mm)			
厚度/Thickness	0.12-1.5MM	基板/Base plate	热浸镀锌板 Hot-dipped galvanized steel sheet
宽度/width	700-1250MM	颜色/Color	热浸镀锌板 Hot-dipped aluminum zinc steel sheet 另备有彩色涂层钢板 RAL card no. or color samples
涂层/Coating	两涂两烘 Two coating and two drying	面漆/Top side	面漆厚度/Top coating 5-10-20μm
底漆/Bottom side	两涂两烘 Two coating and two drying	背漆/Back side	背漆厚度/Back coating 5-12μm
背漆/Back side	一涂一烘 one coating and one	卷内径/COIL ID	508/610MM
60%光泽度 60%Glossy	高 >70 中 40-70 低 <40	铅笔硬度/Pencil hardness	>>2H

彩涂板 PPGI&PPGL STEEL

(PRE-PAINTED GALVANIZED STEEL AND PREPAINTED GALVANIZED STEEL)



彩涂钢板的基板为冷轧基板，热镀锌基板和电镀锌基板。涂层种类可分为聚酯、硅改性聚酯，偏苯二乙炔烯和塑料溶胶。彩涂钢板的表面状态可分为涂膜板、压花板和印花板，彩涂钢板广泛用于建筑家电和交通运输等行业，对于建筑业主要用于钢结构厂房、机场、库房和冷冻等工业及商业建筑的屋顶墙面和门等，民用建筑采用彩涂板的较少。它与塑钢区别在于材料的构成不同，吸铁石可以吸动。

规格特点：

1. 重量轻：10-14 kg/平方米，相当于砖墙的1/30
2. 隔热保温：芯材导热系数： $\lambda < 0.041 \text{ W/mK}$ 。
3. 强度高：可作天花护结构板材承重，抗弯抗压；一般房屋不用梁柱。
4. 色泽鲜艳：无须表面装饰，彩色镀锌钢板防腐层保持期在10-15年。
5. 安装灵活快捷：施工周期可缩短40%以上。
6. 氧指数：(OI)32.0(省消防产品质检站)。



The substrate of the color coated steel plate is a cold rolled substrate, a hot-dip galvanized substrate and an electrogalvanized substrate. The coating types can be divided into polyester, silicon modified polyester, polyvinylidene fluoride and plastisol. The surface state of color-coated steel sheets can be divided into coated sheets, embossed sheets and printed sheets. Color-coated steel sheets are widely used in construction appliances and transportation industries. For the construction industry, they are mainly used in steel structures, airports, warehouses and freezers. For roofs and doors of industrial and commercial buildings, there are fewer color steel plates for civil buildings. It differs from plastic steel in the composition of the material. The magnet can be sucked.

Specifications and features:

1. Light weight: 10-14 kg / square meter, equivalent to 1 / 30 of the brick wall
2. Thermal insulation: Thermal conductivity of core material: $\lambda < 0.041 \text{ W/mK}$.
3. High strength: It can be used as a load-bearing structure for ceilings, bending and compression; general houses do not use beams and columns.
4. Bright color: no need for surface decoration, color galvanized steel anti-corrosion layer is maintained for 10-15 years.
5. Flexible and quick installation: the construction period can be shortened by more than 40%.
6. Oxygen index: (OI) 32.0 (provincial fire protection product quality inspection station).

STAINLESS STEEL PRINTING AND COLOR COATING

不锈钢印花 和彩涂

不锈钢印花除了具备传统不锈钢的耐腐蚀性、抛光性能、耐热性能等特性以外，还具备传统不锈钢没有的外观性，印花不锈钢是种装饰材料，彩色涂层而经久不褪色、色泽随光照角度不同会产生色调变换等特点。

彩色涂层钢板是以冷轧钢板和镀锌钢板为基板，经过表面预处理(脱脂、清洗、化学转化处理)，以连续的方法涂上涂料(辊涂法)。经过烘烤和冷却而制成的产品。涂层钢板具有轻质、美观和良好的防腐蚀性能，又可直接加工，它给建筑业、造船业、车辆制造业、家具行业、电气行业等提供了一种新型原材料，起到了以钢代木、高效施工、节约能源、防止污染等良好效果。

Stainless steel printing not only has the corrosion resistance, polishing performance, heat resistance and other characteristics of traditional stainless steel, but also has the beauty that traditional stainless steel does not have. Printed stainless steel is a decorative material with color layers that are long-lasting and do not fade, and the color tone changes with different lighting angles.

Color coated steel plates are made of cold-rolled steel plates and galvanized steel plates as substrates, which undergo surface pretreatment (degreasing, cleaning, chemical conversion treatment) and are continuously coated with paint (roll coating method). A product made by baking and cooling. Coated steel plates are lightweight, aesthetically pleasing, and have good corrosion resistance. They can also be directly processed, providing a new type of raw material for industries such as construction, shipbuilding, vehicle manufacturing, furniture, and electrical engineering. They have achieved good results such as replacing wood with steel, efficient construction, energy conservation, and pollution prevention.



注：由于印刷原因，本色卡颜色仅供参考，请以实物为准，谢谢不悞，敬请谅解！

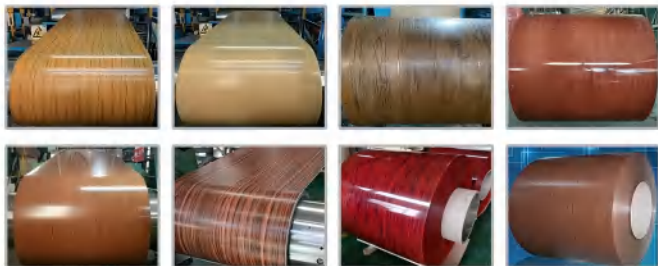
印花板 PRINTING PATTERN PPGI& PPGL STEEL

(PRINTING PATTERN PREPAINTED GALVANIZED STEEL & GLVALUME STEEL)

砖纹系列 BRICK SERIES



木纹系列 WOOD SERIES

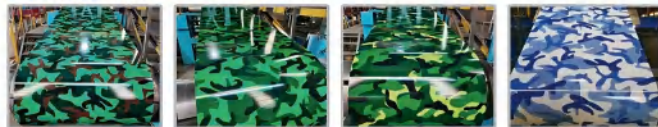


(可根据用户需求定做 CAN BE CUSTOMIZED ACCORDING TO USER NEEDS)

花纹系列 PATTERN SERIES



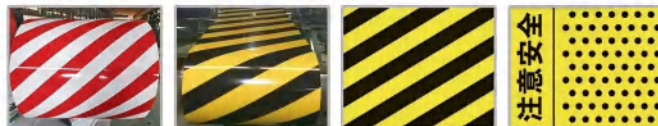
迷彩纹系列 CAMOUFLAGE SERIES



大理石纹系列 MARBLE SERIES



警示带系列 WARNING TAPE SERIES



其他系列 OTHER SERIES



纳米防腐隔热板

NANO ANTI-CORROSION INSULATION BOARD

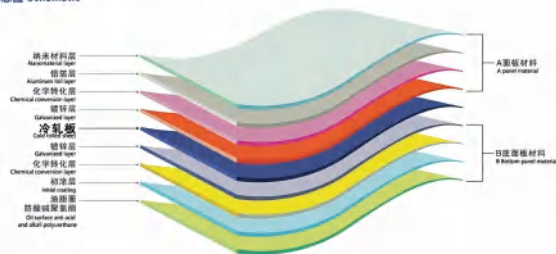
纳米防腐隔热板，它是一种复合金属板，包括基板、高分子转化层、光谱选择性反射隔热层、纳米材料层（耐候、耐酸碱保护层）；由于它耐候性好、耐酸碱、防腐、隔热、降噪、防火能最大程度发挥不同组元材料的力学、化学、物理等综合性能，在现代建筑中得到广泛应用。具体优点如下：

- ①任意造型：可为建筑师提供无限创意空间，建造美丽独特的建筑、创造完美的视觉效果。
- ②安全可靠：所有部件均采用刚性连接，可抗强台风袭击。
- ③重量轻：对钢构的承重要求降低，施工难度小。
- ④易安装：安装方便，缩短施工周期，节约工程造价。
- ⑤隔热效果好：极高的热反射率使产品表面不吸热，即使在夏天板面也不烫手，使建筑物内温度降6-8度。
- ⑥耐酸碱、防腐性强：为高污染企业节约大量的人力、物力成本。
- ⑦自洁性高：具有抗静电功能，表面光洁无须经常清洗。
- ⑧环保性强：表面凹凸纹使产品无光污染且降低噪音。
- ⑨消防性好：绝燃、绝缘，具有阻燃性。
- ⑩耐候性强：在零下-20℃到100℃的范围内均适用。

Nano anti-corrosion insulation board, which is a composite metal board, including substrate, polymer conversion layer, spectral selective reflection heat insulation layer, nano material layer (weathering, acid and alkali protective layer); due to its good weather resistance and resistance Acid, alkali, anti-corrosion, heat insulation, noise reduction, and fire prevention maximize the comprehensive performance of mechanics, chemistry, and physics of different component materials, and are widely used in modern buildings. The specific advantages are as follows:

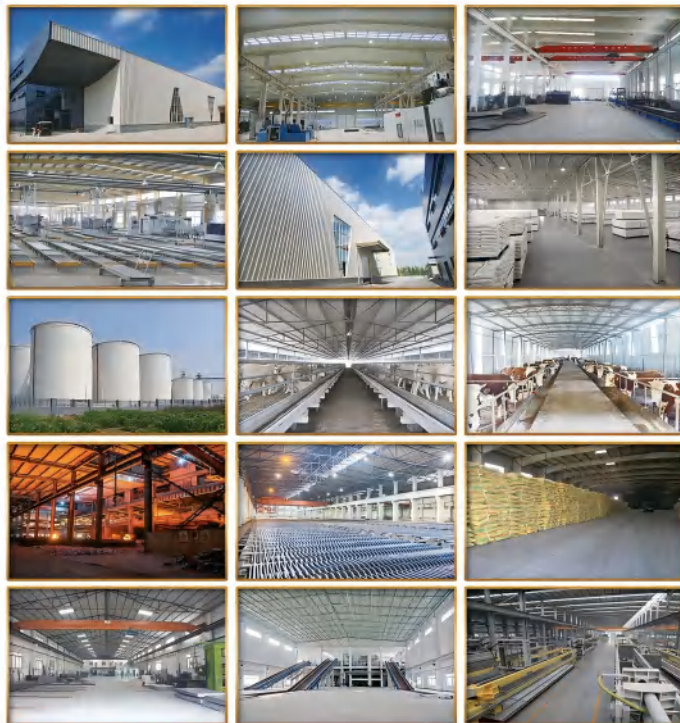
1. Any shape: It can provide architects with unlimited creative space, build beautiful and unique architecture, and create perfect visual effects.
2. Safe and reliable: All parts are made of steel and can resist strong typhoon attacks.
3. Light weight: The load-bearing requirements for the steel structure are reduced, and the construction difficulty is small.
4. Easy to install: easy to install, shorten construction period and save engineering cost.
5. Insulation effect is good: the ultra-high heat reflectivity makes the surface of the product not absorb heat, even if it is not hot in the summer, the temperature inside the building is lowered by 6-8 degrees.
6. Acid and alkali resistance, strong corrosion resistance: save a lot of manpower and material costs for high-pollution enterprises.
7. high self-cleaning: anti-static function, smooth surface without frequent cleaning.
8. Environmentally friendly: Surface embossing makes the product no light pollution and reduces noise.
9. fire performance is good: Flame igniting, insulated, flame retardant.
10. weather resistance: applicable in the range of minus -20 °C to 100 °C.

结构示意图 Schematic



纳米防腐隔热板

NANO ANTI-CORROSION INSULATION BOARD



彩铝板 PPAL STEEL

(PREPAINTED ALUMINUM STEEL)



彩铝板

基板: 铝板 厚度: 0.15-1.5毫米 宽度: 500-1250毫米

PPAL

Pre-painted aluminum steel Base plate: Aluminium steel Thickness: 0.15-1.5mm Width: 500-1250mm



彩铝板 PPAL STEEL

(PREPAINTED ALUMINUM STEEL)

氟碳涂料是PVDF树脂主要是指偏氟乙烯均聚物或者偏氟乙烯与其他少量含氟乙烯基单体的共聚物的涂料。

氟碳基料的化学结构中以氟/碳化合键结合。这种化学结构上的稳定与牢固使氟碳涂料的物理性质不同于一般涂料。除了在机械性能方面的耐磨性，抗冲击性具有优良的性能外，特别是在恶劣气候和环境显示出长久的抗褪色性，抗紫外线性能。高温烘烤成膜后，涂层中分子结构紧密，具有耐蚀性。

氟碳涂层根据表面成膜结构可分为传统氟碳和纳米氟碳涂层两种。1965年美国Pennwalt化学公司首先将氟碳涂料来满足建筑室内外铝材的涂装，广泛颜色的选择，美国注重的外观，及耐久性为各地许多宏伟的建筑物建筑增添了光彩。涂料制造商对涂层使用寿命的保证开始为10年，15年发展到能保证20年以上。美国研究机构曾对氟碳涂料及超级涂料，一般涂料做过测试比较。分别涂层的样件放在美国佛罗里达州的热阳光照射，以及在潮湿含盐份空气的恶劣环境下暴露12年，实际证明氟碳涂料的稳定性和耐久性比其他两种涂料高30和80个百分点。氟碳涂料保证了在各种恶劣环境下使用。

Fluorocarbon coating refers to PVDF resin, which mainly refers to coatings made of homopolymers of vinylidene fluoride or copolymers of vinylidene fluoride and other small amounts of fluorinated vinyl monomers.

The chemical structure of fluorocarbon based materials is bonded by fluorine/carbonization bonds. The stability and firmness of this chemical structure make the physical properties of fluorocarbon coatings different from general coatings. In addition to excellent mechanical wear resistance and impact resistance, it also exhibits long-lasting resistance to fading and UV radiation, especially in harsh climates and environments. After high-temperature barbecue, the molecular structure of the coating is tightly packed and has weather resistance.

Fluorocarbon coatings can be divided into two types based on the surface film-forming structure: traditional fluorocarbon coatings and nano fluorocarbon coatings. In 1965, Pennwalt Chemical Company in the United States first used fluorocarbon coatings to meet the coating requirements of indoor and outdoor aluminum materials in buildings. The wide selection of colors, the dignified appearance of the United States, and durability added luster to many magnificent curtain wall buildings around the world. The coating manufacturer's guarantee for the service life of the coating starts at 10 years and develops from 15 years to over 20 years. Research institutions in the United States have conducted tests and comparisons on fluorocarbon coatings, super coatings, and general coatings. Samples coated with fluorocarbon coatings were placed in hot sunlight in Florida, USA, and exposed to harsh environments with humid and saline air for 12 years. It has been proven that the stability and durability of fluorocarbon coatings are 30 and 80 percentage points higher than the other two coatings. Fluorocarbon coatings ensure their use in various harsh environments.



静电粉末喷涂彩板

(ELECTROSTATIC POWDER COATING COLOR BOARD)

静电粉末喷涂板采用国际先进技术，实现涂层一次涂装成型，生产全自动化，绿色清洁生产，设备、涂层材料都拥有多项国家发明专利，完全革新了传统彩涂板的生产方式，改变了原有工艺油漆污染重、作业不安全、能耗高的弊端，粉末涂层多项性能优于传统油漆涂层。

粉末涂层所用的原料是基于多种高性能新材料，不含任何溶剂，零VOC，具有节能、安全环保，附着力、耐候性、耐腐蚀性极好等特点。

静电粉末彩涂卷完全革新了传统彩涂卷的生产方式，我公司采用的高分子粉末涂料，利用静电正负相吸的原理，使粉末均匀且牢固的吸附在基板表面，经高温固化后成型，改变了原有工艺油漆污染重、作业不安全、能耗高等弊端。

Electrostatic powder spray coating boards utilize internationally advanced technology to achieve one-time coating formation. The fully automated production line ensures green and clean production. Both the equipment and coating materials hold multiple national invention patents, completely revolutionizing the traditional production methods of color-coated boards. This innovation addresses the drawbacks of heavy paint pollution, unsafe operations, and high energy consumption in the original process. The performance of the powder coating surpasses that of traditional paint coatings in many aspects.

The raw materials used in the powder coating are based on various high-performance new materials, containing no solvents and zero VOC. They are energy-efficient, safe, environmentally friendly, and exhibit excellent adhesion, weather resistance, and corrosion resistance. Electrostatic powder-coated coils have completely transformed the traditional production methods of color-coated coils.

Our company employs high-molecular powder coatings, utilizing the principle of electrostatic attraction to ensure the powder is evenly and firmly adsorbed onto the surface of the substrate. After high-temperature curing, the coating is formed, overcoming the issues of heavy paint pollution, unsafe operations, and high energy consumption.

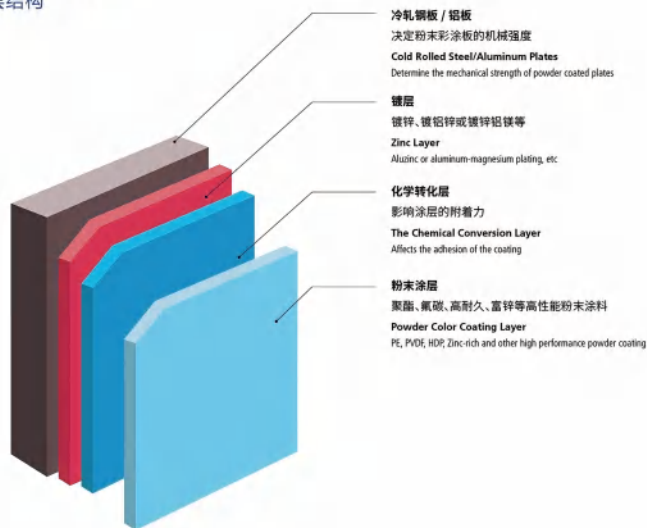


静电粉末喷涂彩板

(ELECTROSTATIC POWDER COATING COLOR BOARD)

LAYER STRUCTURE

图层结构



基板

可依覆粉末彩涂板的用途、结构成型、使用环境等因素选择镀锌、镀铝、镀锌铝镁、冷板、不锈钢、铝板等不同基板。也可以根据需要使用DX51D、DX52D、DX53D、S350GD、S550GD等材质。

Substrate

Different substrates such as galvanized, aluminum zinc coated, galvanized aluminum magnesium coated, cold plate, stainless steel, aluminum plate, etc. can be selected based on factors such as the purpose, structural forming, and usage environment of the powder coated plate. Materials such as DX51D, DX52D, DX53D, S350GD, S550GD, etc. can also be selected as needed.

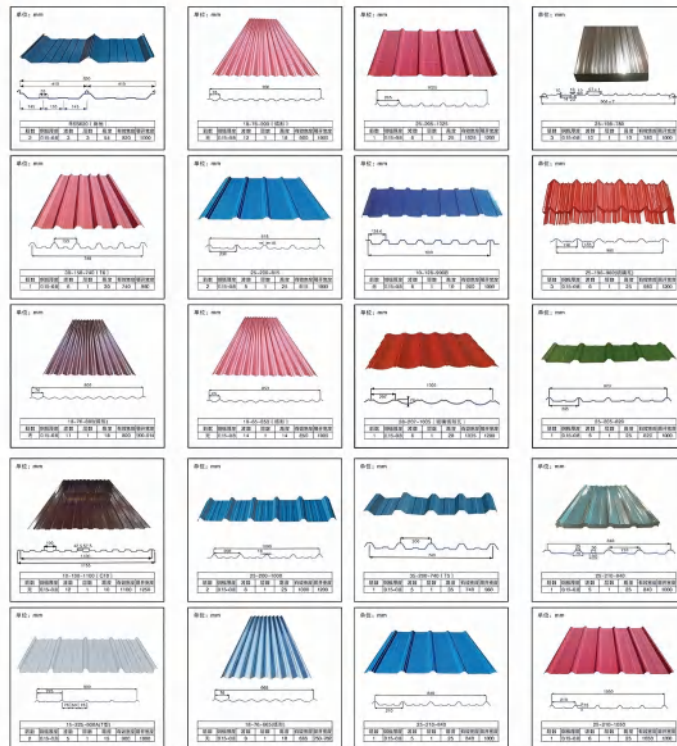
瓦楞板

CORRUGATED ROOFING STEEL SHEETS



瓦楞板

CORRUGATED ROOFING STEEL SHEETS



民用镀锌板

CIVILIAN GALVANIZED SHEET

民用镀锌板性能特点

耐腐蚀性:镀锌板表面覆盖一层金属锌,具有良好的耐腐蚀性,可以有效地抵抗大气、水、酸、碱等腐蚀物质的侵蚀。
美观性:镀锌板表面光滑、平整、美观,可以满足不同场合的装饰需求。
强度和刚度:镀锌板基板采用冷轧或热轧工艺生产,具有良好的强度和刚度,可以满足不同领域的应用需求。
加工性:镀锌板具有良好的加工性,可以进行剪切、折弯、焊接等加工操作,方便制作成各种形状和尺寸的制品。
经济性:镀锌板价格相对较低,具有较好的经济性,可以满足不同层次消费者的需求。

应用领域

民用镀锌板应用于建筑、家电、汽车容器等领域。在建筑领域,镀锌板可以用于制作屋顶、墙壁、门窗等;在家电领域,可以用于制作冰箱、洗衣机、空调等;在汽车领域,可以用于制作车体、车底板等;在容器领域,可以用于制作水箱、油桶等。

生产工艺

民用镀锌板的生产工艺主要包括基板生产和镀层生产两个环节。其中基板生产可以采用冷轧或热轧工艺;镀层生产可以采用电镀或热浸镀工艺。在生产过程中,还需要对钢板进行清洗、干燥等处理,以保证产品的质量和性能。

环保性

镀锌板在生产和使用过程中也需要注意环保性。在生产过程中,需要采用环保型的生产工艺和设备,减少废气、废水等污染物的排放;在使用过程中,需要采用环保型的涂料和粘合剂等辅助材料,减少对环境的污染。

随着科技的不断进步和市场需求的变化,镀锌板的未来发展趋势也将发生变化。未来,镀锌板将更加注重轻量化、环保性等方面的性能提升,以满足更加严格的市场需求。同时,随着新技术的不断涌现,镀锌板的加工工艺和生产设备也将不断得到改进和完善,进一步提高产品的质量和性能。

民用镀锌板作为一种重要的金属材料,在未来也将继续发挥其重要作用。在生产和使用过程中,需要注意其特点和使用要求,以便更好地发挥其优势和潜力。

Performance characteristics of civilian galvanized sheet

Corrosion resistance: The surface of galvanized sheet is covered with a layer of metallic zinc, which has good corrosion resistance and can effectively resist the erosion of corrosive substances such as atmosphere, water, acid, alkali, etc.

Aesthetics: The surface of galvanized sheet is smooth, flat, and aesthetically pleasing, which can meet the decoration needs of different occasions.

Strength and stiffness: Galvanized sheet substrates are produced using cold rolling or hot rolling processes, which have good strength and stiffness and can meet the application needs of different fields.

Processability: Galvanized sheet has good processability and can be processed by cutting, bending, welding, etc., making it convenient to produce products of various shapes and sizes.

Economy: Galvanized sheet has a relatively low price and good economy, which can meet the needs of consumers at different levels.

Application area

Civilian galvanized sheet is used in fields such as construction, home appliances, and automotive containers. In the field of architecture, galvanized sheet can be used to make roofs, walls, doors and windows, etc.; in the field of home appliances, it can be used to make refrigerators, washing machines, air conditioners, etc.; in the field of automobiles, it can be used to make car bodies, undercarriage, etc.; in the field of containers, it can be used to make water tanks, oil tanks, etc.

Production process

The production process of civilian galvanized sheet mainly includes two stages: substrate production and coating production. The substrate production can adopt cold rolling or hot rolling processes; the production of coatings can be carried out using electroplating or hot-dip coating processes. During the production process, it is necessary to clean and dry the steel plates to ensure the quality and performance of the products.

Environmentally

Galvanized sheet also needs to pay attention to environmental protection during production and use. In the production process, it is necessary to adopt environmentally friendly production processes and equipment to reduce the discharge of pollutants such as exhaust gas and wastewater; During use, environmentally friendly auxiliary materials such as coatings and adhesives need to be used to reduce environmental pollution.

With the continuous advancement of technology and changes in market demand, the future development trend of galvanized sheet will also undergo changes. In the future, galvanized sheet will pay more attention to performance improvement in terms of lightweight and environmental friendliness to meet stricter market demands. Meanwhile, with the continuous emergence of new technologies, the processing technology and production equipment of galvanized sheet will also be continuously improved and perfected, further enhancing the quality and performance of products.

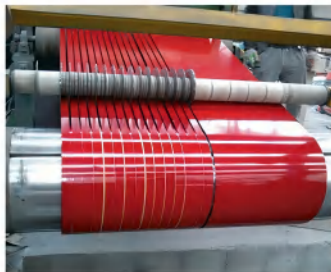
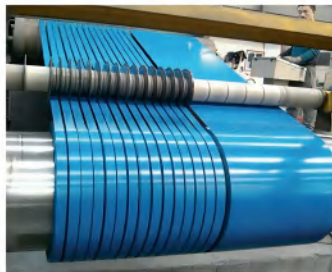
As an important metal material, civilian galvanized sheet will continue to play a significant role in the future. In the production and use process, attention should be paid to its characteristics and usage requirements in order to better leverage its advantages and potential.

民用镀锌板

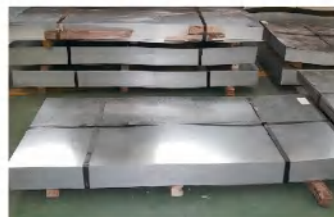
CIVILIAN GALVANIZED SHEET



H 分条 SLITTING



H 开平 SLICING



钛锡板

质量控制 QUALITY CONTROL



铅笔硬度试验
Pencil hardness test



耐划伤试验
Scratch resistance test



光泽度仪
Gloss meter



涂层厚度测定
Coating thickness measurement



氨氮测定仪
Ammonia nitrogen analyzer



划格试验
Cross-cut test



耐溶剂试验
Solvent resistance test



耐湿热试验
Moisture resistance test



反向冲击
Reverse shock



可见分光光度计
Visible spectrophotometer

质量保障系统 QUALITY ASSURANCE SYSTEM



恒温干燥箱
Constant temperature drying oven



洛氏硬度计
Rockwell hardness



压力机
Press



台式钻床
Bench drilling machine



弯曲试验仪
Bending tester



COD恒温加热器
COD thermostat heater



杯突试验仪
Cup tester

质量保障系统

QUALITY ASSURANCE SYSTEM



盐雾试验
Salt spray test

本公司配备了专业的检测设备,对各种入库原材料进行来料检验,并通过专业设备随时检测各工艺流程参数对产品品质的影响。每卷下线产品,都根据相关标准进行全面的质量检测,并留样备查。

The company is equipped with professional testing equipment, inspecting incoming materials for various incoming materials, and testing the impact of various process parameters on product quality through professional equipment. Each roll of off-line product is subject to comprehensive quality inspection in accordance with relevant standards, and samples are available for reference.



QUV 加速老化仪
QUV accelerated aging instrument



T电子万能试验机
T electronic universal testing machine

外贸

FOREIGN TRADE

Which has 2 Prepainted Steel Produce lines, 1 Galvanized Steel Produce lines, 1 Galvalume Steel Produce lines with capacity of steel coils 30000tons in total per month.

The mainly products we offer is Steel Coil and sheet including All kinds of Prepainted Steel coil/Galvanized Steel Coil/ Galvalume Steel Coil/ Steel Strip.Galvanized Steel Sheet/ Corrugated Steel Sheet.

As become the professional steel and metal export and distributor in international business field. With its well-deserved reputation and efficient service, We steel export amount more than 10millions usd last year and we already achieved more than hundreds customers from 30 countries longtime business relationship. We steel business market cover Europe, South America, Middle Asia, East Asia, South East Asia, Africa, countries and regions. We still expand it by our continuously qualified product and service.

What we goodwill is continuously seeks qualified professional suppliers to provide its customers with newer and better products based on a trustworthy and mutually beneficial relationship. Taking advantage of a long-term supply agreement with the Chinese steel manufacturers, it is in a position to ensure a regular and stable supply to worldwide customers with excellent service and best-fit products.

Welcome to contact us for creating and sharing the new value.

