



以客为尊 以质为本

Take customers as the honoured
Take quality as the foundation

山东港中建材集团有限公司

SHANDONG SINO BUILDING MATERIAL GROUP CO.,LTD

电话 (TEL): +86 532-87965066

邮箱 (EMAIL): sales@sino-steel.net

Web: www.ppgalvanizedsheet.com

地址 (Add): Zhengyang Road, Chengyang District, Qingdao, China

山东港中建材集团有限公司

Shandong Sino Building Material Group Co., Ltd

公司简介

About us



山东港中建材集团有限公司是一家大型钢铁控股有限公司，作为中国钢铁工业的对外贸易窗口，公司在平等互利双赢合作的基础上与国内外厂商广泛交流、友好合作，极大的支持了中国钢铁工业的健康快速发展。集团注册资金为叁亿人民币。根据集团公司的整体部署和专业化经营方针，公司目前主要经营以铁矿石为主的钢铁工业原料进口，生产并出口冷轧卷、镀锌卷、镀铝锌卷、彩涂卷压型板等系列产品，还包括对相关产品的来料加工，产品开发等。

集团同时从德国、日本、比利时、美国、英国等国家引进了当时世界上最先进的炼钢、炼铁、板材加工技术，配备了完善的自动化系统，成为二十世纪90年代技术最先进，国内规模最大的钢铁产品专业生产厂。目前公司拥有轧机、镀锌及镀铝锌生产线、彩涂生产线及压瓦等设备，年产能总计可达120万吨，自投产以来，坚持追求先进永不停步，通过持续不断的技术改造，保持了技术上的领先地位，公司的产品远销欧美、非洲、中东、东南亚及南美各国及地区，并以优质的产品和服务赢得了广大顾客的信赖与赞誉。

山东港中钢铁有限公司将以促进中国钢铁工业的健康快速和谐发展为目标，一如既往，诚信守德，求真务实，维护并做强做大我们的品牌、为国内外客户提供优质的商品、一流的服务，并衷心希望与海内外客户建立起面向未来的长期双赢合作。

Shandong Sino Building Material Group Co., Ltd is one large Steel holding Company; as a window of foreign trade of Chinese Steel industry, our company has been conducting extensive exchanges and friendly co-operations with domestic and overseas companies on the basis of equality, mutual benefit and win-win, greatly supporting the healthy and rapid development of China's iron and steel industry. The registered capital of the group is 300 million Yuan. According to the overall deployment plan and the guideline of specialized operation, the company is now mainly engaged in such international and domestic business operations as importing raw materials, mainly iron ore; producing and exporting cold rolled steel coil, galvanized steel coil, galvalume steel coil, prepainted steel coil and corrugated steel sheet; and processing materials as per clients' requirements. Meanwhile, Group company imported the most advanced technology from Germany, Japan, Belgium and America, UK etc. for iron-smelting, steel-smelting, and processing steel sheet, also equipping with the complete automatic system, then become the most advanced and biggest professional manufacturer in China at that time. Currently the group holds the rolling mill and the production lines of galvanized, galvalume and prepainted steel, and corrugation machines, with the annual production capacity of 1.2 million tons. Since the producing began, our group company insisted in arriving at the advancement in the technology field by our continuing effort. At present, the company has gained lots of trust and praise from all over the world with qualified products and good service, exporting to North and South America, Europe, South-east Asia, Middle East area and Africa. Shandong Building Material Group will always set its goal to promoting the healthy and fast development of Chinese steel industry in good faith, be realistic and pragmatic, maintain our brand stronger, and devote ourselves to provide customers with both our high quality products and first class service. We sincerely hope to establish long-term win-win cooperation with domestic and overseas clients in the future.

产能 Capacity

轧硬卷 40万吨/年
Cold rolled full hard coil/400000MT/YEAR
热镀锌卷 30万吨/年
Hot Dipped galvanized steel coil/300000MT/YEAR
镀铝锌卷 20万吨/年
Galvalume Steel Coil/200000MT/YEAR
彩涂卷 30万吨/年
Prepainted steel coil/300000MT/YEAR

合作伙伴 Partners

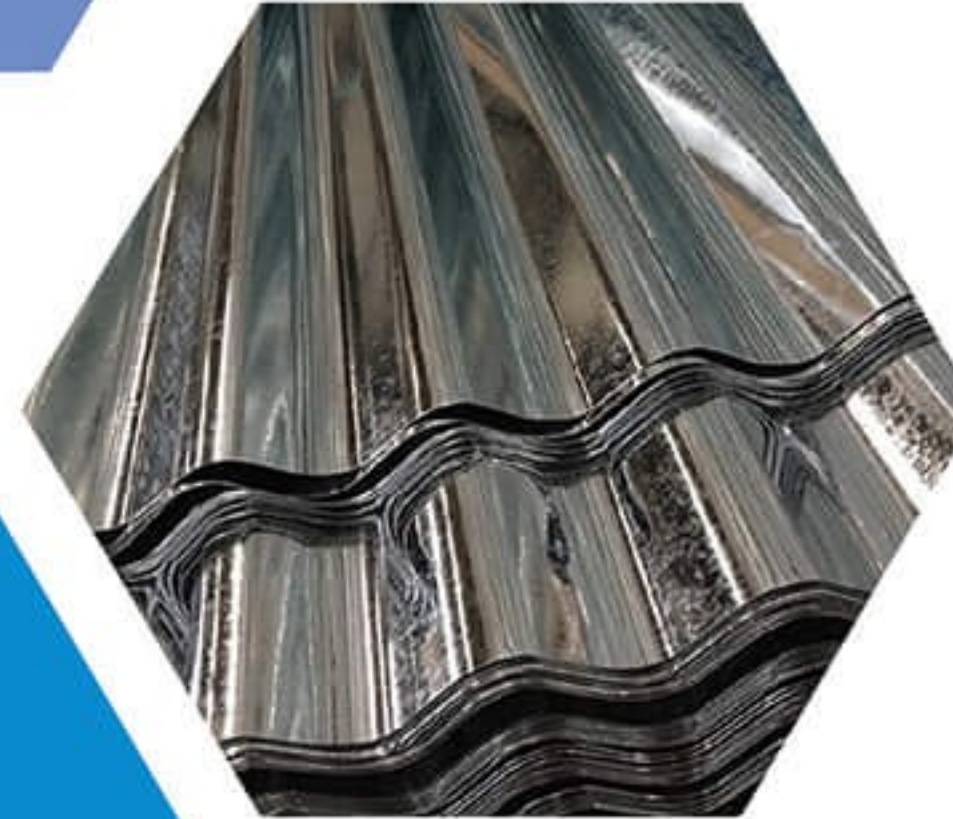
优质原材料供应商
Suppliers for raw material of good quality
HBIS, ANSTEEL, BAOSTEEL,
SHOUGANGGROUP
优质的油漆供应商
Suppliers for paint of good quality
AkzoNobel Nippon Paint KCC

品质 Quality

ISO 9001 体系认证
ISO 9001 certificate
SGS 质量证书
SGS quality certificate
全国质量诚信AAA级品牌企业
National quality integrity AAA grade brand enterprise

信誉 Credit

山东诚信示范单位
Certificate of Shandong province
Enterprise Credit Management Standards
省级重合同守信用企业
Shandong AAA-Level Contracts and
Promise-Keeping Enterprises
资信等级AAA级
Asset Credit Rating AAA-Level





冷轧卷/板

COLD ROLLED STEEL COIL/SHEETS

用热轧钢卷为原料，经酸洗去除氧化皮后进行冷连轧，其成品为轧硬卷，可作为热镀锌厂的原料。经过退火处理的冷轧表面质量较好，具有良好的冲压性能，在搪瓷、门面板、汽车、制桶、建材等行业广泛使用。

Cold rolled steel sheet has superb sheet shape and surface quality with good flatness and surface finish. The surface of the cold sheet is clean and bright and easy for coating. The varieties of cold rolled sheet are widely used in galvanized substrates, tubing, automobiles, building, enamels and other industries.

冷轧卷板主要规格参数

Specifications of Cold rolled steel

厚度 (mm) Thickness (mm)	0.12-4.0mm
宽度 (mm) Width (mm)	Coil:600-2000mm Strip:30-2000mm
钢卷内径 (mm) Inner Diameter (mm)	508/610mm
表面处理 Surface Treatment	Matt Finish/Bright Finish Oiled/Dry 麻面/光亮面 涂油/不涂油
Annealing Methods 退火方式	Bright Anneal/Black Anneal 光亮退火/黑退
Coil Weight (MT) 卷重 (吨)	3Mt-17Mt



产品篇

Production Part

镀锌板

GALVANIZED STEEL COIL/SHEETS

镀锌板性能优越，具有良好的耐蚀、涂装、成形等综合性能。应用于建筑行业的屋顶、轻钢龙骨、楼承板、卷帘门等；汽车行业的车身外壳、底盘、油箱、行李箱盖、挡泥板等；电器行业的厨房家电、冰箱外壳底座及冷冻室等；钢铁行业的彩涂基板、钢窗坯料等，应用领域十分广泛。

Hot dipped galvanized steel sheet have excellent performance, zinc spangle and coating can be controlled strictly. They are mainly used in building roof, door, window, roller shutter door and suspended skeleton, automobile' s vehicle shell, chassis, door, trunk lid, oil tank, and fender, metallurgy' s steel sash back and color coated substrate, and electric equipments, such as refrigerator base and shell, and kitchen equipments.



镀锌板主要规格参数

Specifications of galvanized steel

厚度 (mm) Thickness (mm)	0.12-6.0mm
宽度 (mm) Width (mm)	Coil:600-1500mm Strip:20-600mm
锌层重量 (g/m ²) Coating Weight (g/m ²)	20-600g/m ²
钢卷内径 (mm) Inner Diameter (mm)	508/610mm
表面结构 Surface structure	常规锌花、小锌花、无锌花、大锌花 Regular spangle, Minimal spangle, Zero spangle, Big spangle
表面处理 Surface Treatment	钝化/不钝化 涂油/不涂油 Chromated/Non-chromated Oiled/Non-oiled

镀锌板主要力学性能

Mechanical properties of galvanized steel

用途 Usage	牌号 Grade	屈服强度 Yield Strength (MPa)	抗拉强度 Tensile Strength (MPa)	断后延伸率(L0=80mm,B=20mm)%不小于 Elongation(L0=80mm,B=20mm)% no less than	
				公称厚度(mm) Nominal thickness (mm)	
				≤0.7	> 0.7
冲压用镀锌板 Punching galvanized steel	DC51D+Z	—	270~500	20	24
	DC52D+Z	140~300	270~420	24	26
	DC53D+Z	140~260	270~380	28	30
结构用镀锌板 Structure galvanized steel	S280GD+Z	≥280	≥360	16	18
	S350GD+Z	≥350	≥420	14	16
	S550GD+Z	≥550	≥560	—	3

镀铝锌板

GALVALUME STEEL COIL/SHEET

镀铝锌板是由55%铝、43.4%锌与1.6%硅在600°C高温下凝固而组成，具有良好的耐热性，热反射性是镀锌钢板的两倍，是优质的隔热材料。广泛用于建筑行业的屋顶、墙壁、车库、管道，家电行业的冰箱背板、空调机、微波炉，汽车行业的排气管、燃料箱、货车厢等。

Aluminum-zinc coated sheet is comprised of 55% aluminum, 43.4% zinc, and 1.6% silicon solidified under 600°C' s temperature. The product has great properties of heat resistance and heat reflection is double high than galvanized sheet, so it is excellent heat insulator. The product can be utilized in construction industry such as roof, garage, and pipes, household electricity appliances industry such as refrigerator' s back plate, air conditioning, and microwaves, and automobile industry' s gas vent, fuel tank, etc.



镀铝锌主要规格参数 Specifications of galvalume steel

厚度 (mm) Thickness (mm)	0.14-1.5mm
宽度 (mm) Width (mm)	900~1250mm
锌层重量 (g/m ²) Coating Weight (g/m ²)	30-275g/m ²
钢卷内径 (mm) Inner Diameter (mm)	508/610mm
表面结构 Surface structure	常规锌花、小锌花、无锌花、大锌花 Regular spangle, Minimal spangle, Zero spangle, Big spangle
表面处理 Surface Treatment	钝化/不钝化 涂油/不涂油 耐指纹 Chromated/Non-chromated, Oiled/Non-oiled, Anti fingerprints

镀铝锌板主要力学性能 Mechanical properties of galvalume steel

用途 Usage	牌号 Grade	屈服强度 Yield Strength (MPa)	抗拉强度 Tensile Strength (MPa)	断后延伸率(L0=80mm,B=20mm)%不小于 Elongation(L0=80mm,B=20mm)% no less than	
				公称厚度(mm) Nominal thickness (mm)	
				≤0.7	> 0.7
冲压用镀锌板 Punching galvalume steel	DC51D+AZ	—	<500	22	24
	DC52D+AZ	<300	<420	24	26
结构用镀锌板 Structure galvalume steel	S250GD+AZ	≥250	≥320	22	
	S300GD+AZ	≥300	≥340	18	
	S350GD+AZ	≥350	≥420	14	
	S550GD+AZ	≥550	≥570	—	

彩涂板 PREPAINTED STEEL SHEET

彩涂板—镀锌板、镀铝锌板或者铝板为基板，经过表面预处理，采用辊涂的方式，在表面上涂一层或多层液态涂料后，经过烘烤和冷却而成，与有较强的抗腐蚀性、耐久性。成形性。广泛应用于建材、家电、家具、运输等行业，建筑行业主要用于钢结构墙体和屋顶制作，家电行业主要用于制作冰箱、冰柜、洗衣机、空调等外壳。


Prepainted steel sheets are mainly used in building, transport, home appliance, solar energy, furniture, etc. Especially in home appliances, the sheets are mainly used as the side door plate of refrigerators, and air conditioners, freezers, and washing machine. Using galvanized sheet, galvalume sheet or aluminum sheet as the substrate, prepainted steel sheets are made by surface pretreatment with roll coating method, then coating for one or more layers, and finally baking and cooling.

三大彩涂系列 Three series

1)精品彩钢 Competitive products
目前市场主流产品
Mainstream products



2)耐彩 NAICAI
彩铝系列
Color Aluminum Series



3)定制彩涂 Customized Color Steel Plate
印花板、覆膜板、网纹板、磨砂板等
特殊要求产品
Printing plate, Filmed plate, Matte plate, wrinkled plates, etc.



涂层介绍 Coating introduction

面漆涂料 Top paint

聚偏氟乙烯、高耐候聚酯、硅改性聚酯、聚酯、PU专用
PVDF、HDP、SMP、PE、PU

功能 Functions

装饰性(色彩)、加工性、耐候性、抗刮性、耐污染性、耐化学药品性、耐粘连性

Decorative(color),Machinability,Weather resistance,Scratch resistance,Stain resistance,Chemical resistance and Adhesion resistance

底漆涂料 Primer paint

聚氨酯、环氧、聚酯

Polyurethane, Epoxy, PE

功能 Functions

加工性、耐腐蚀性、附着力、抗刮性

Machinability,Corrosion resistance, Adhesion, Scratch resistance

背漆涂料 Back paint

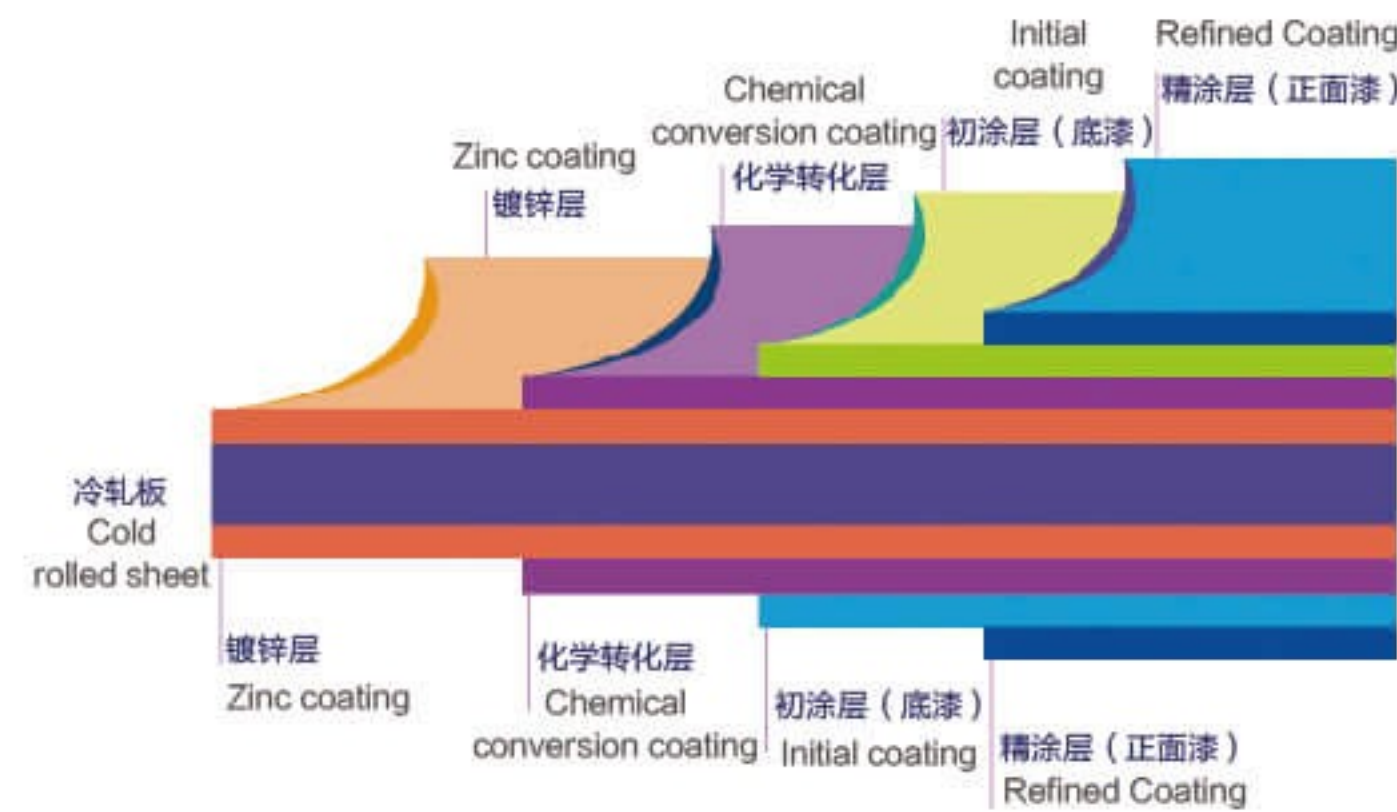
环氧、改性聚酯

Epoxy, Modified polyester

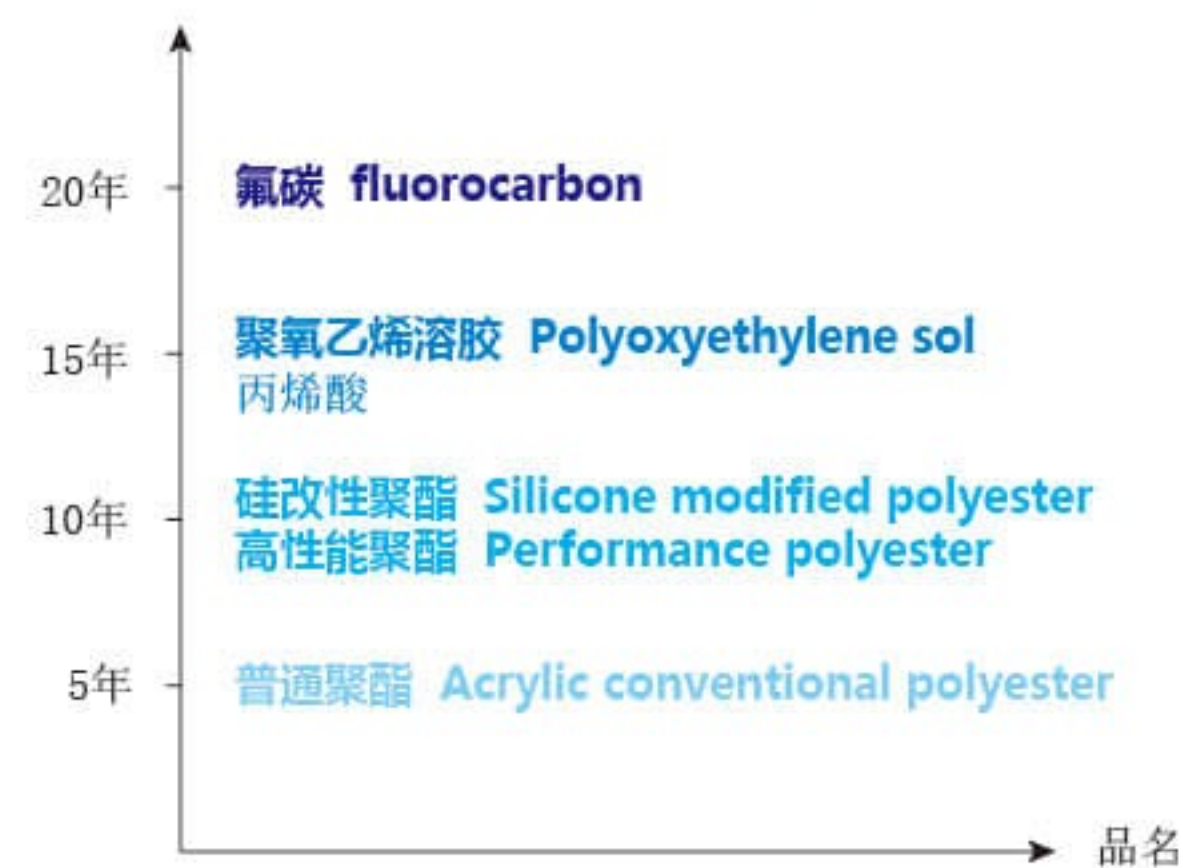
钝化层功能 Passivation film functions

抗刮擦性、弯曲附着力、耐腐蚀性

Scratch resistance, Bending adhesion, Corrosion resista



耐候性能 Weather resistance performance



彩涂卷主要规格参数 Specifications of prepainted steel sheet

涂装工艺类型 Type of coating process	正面：双涂双烘 背面：双涂双烘、单涂双烘 Front : double coated& double drying Back : double coated& double drying single-coated & double drying
基板种类 Type of substrate	热镀锌、镀铝锌、冷轧板、铝板 Hot dipped galvanized steel coil, galvalume steel coil, cold rolled steel, aluminum
厚度 (mm) Thickness (mm)	0.14-2.0mm
宽度 (mm) Width (mm)	600~1500mm
面漆厚度 Paint Top	15-35 Microns
背漆厚度 Paint Back	5-35 Microns
钢卷内径 (mm) Inner Diameter (mm)	508/610mm
Coil Weight (MT)卷重 (吨)	3Mt-9Mt
涂层种类 Coating types	面漆涂料：聚偏氟乙烯、高耐候聚酯、硅改性聚酯、聚酯、PU专用 Top paint : PVDF、HDP、SMP、PE、PU 底漆涂料：聚氨酯、环氧、聚酯 Primer paint : Polyurethane, Epoxy, PE 背漆涂料：环氧、改性聚酯 Back paint : Epoxy, Modified polyester

压型板 CORRUGATED STEEL

压型板是由镀锌板、镀铝锌板或彩涂板，经辊压冷完成各种波形的压型板，它适用于工业及民用建筑、仓库、特种建筑、大跨度钢结构房屋的屋面、墙面以及内外墙装饰等。波形和尺寸根据客户要求定制。

Corrugated sheet is made of galvanized steel, galvalume steel or prepainted steel, by rolling into a variety of corrugated sheets, which is suitable for industrial and civil buildings. The design requirement is defined by the customers individually.



主要规格参数 Specifications of corrugated sheet

厚度 (mm) Thickness (mm)	0.13-1.0/BWG/AWG
压前宽度 (mm) Width before corrugation (mm)	762~1250 mm
压后宽度 (mm) Width after corrugation (mm)	600-1100 mm
长度 (mm) Length (mm)	1000-12000 mm
锌层厚度 g/m ² Coating g/m ²	30-275 g/m ²
面漆厚度 Paint Top	15-35 Microns
背漆厚度 Paint Back	5-35 Microns
颜色 Color	劳尔色卡 RAL SCALE
Weight per bundle (MT) 包装重量 (吨)	2Mt-4Mt
基板种类 Type of substrate	热镀锌、镀铝锌、彩涂卷 Hot dipped galvanized steel coil, galvalume steel coil, prepainted steel

设备篇

Equipment Part



分条设备 Slitting machine



生产线-Product line



收卷 Coiler



拉矫机 Tension leveler



锌锅控制台
Operating device for zinc pot



压瓦设备 Corrugation machine

镀锌镀铝锌生产线
PRODUCTION LINE FOR
GALVANIZED AND GALVALUME COIL



质量控制
QUALITY CONTROL

品质篇

Quality Part

质量保障系统
QUALITY ASSURANCE SYSTEM

我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监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。

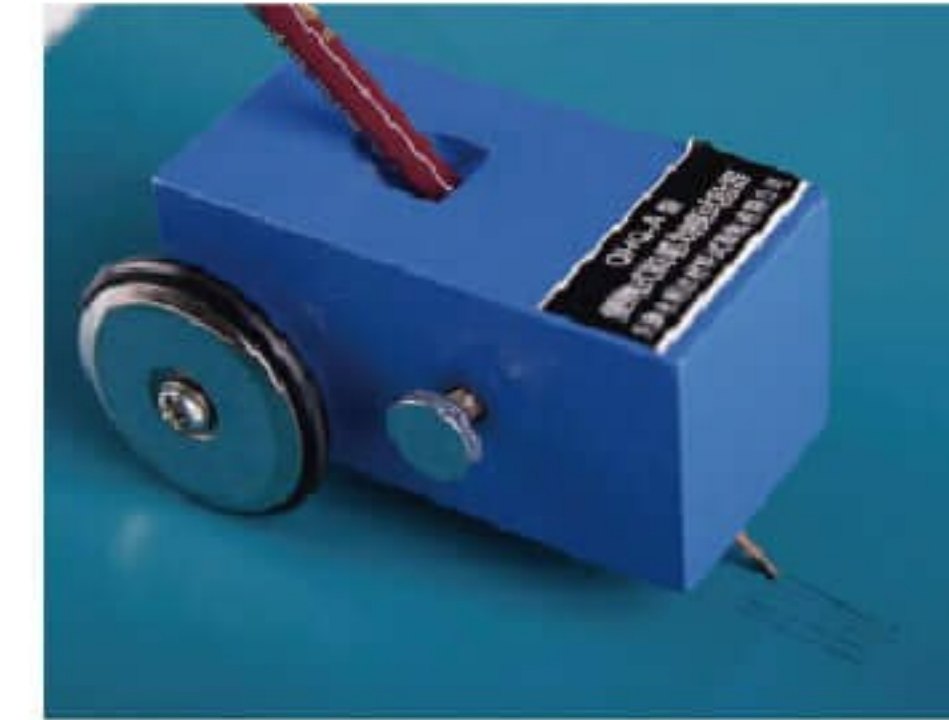
We are equipped with professional testing equipments. All the incoming materials are inspected and effects of different process parameters on the product quality are supervised all the time. We perform quality inspection for every coil according to relevant quality standard. Samples from every coil are kept for reference.



彩板折弯
Color Plate Bending



第二重点设备紫外线照射仪器
The second key equipment
UV irradiation apparatus



铅笔硬度试验
Pencil hardness test



划刻硬度也称为耐划伤试验
Scribing hardness also known
as scratch hardness test



划格试验
Cut test



涂层厚度测定
Coating Thickness Measure



光泽测定
Gloss Measure



冲击试验
Impact Test



耐湿试验
Moisture resistance test



耐溶剂试验
MEK Test



可见分光光度计
Visible Spectrophotometer

市场篇

Market Part

销售市场

SALES MARKET

我们的产品主要定位于国内外的中高端项目，与国内外很多知名企业已经建立了长期的合作关系，互访和交流频繁。现产品已经出口到中东、南美、东南亚、非洲等地区，赢得了国内外客户的一致认可。

Our steel products are mainly used for industrial and public buildings in China and oversea countries. We have established long term business relationships with many well-known international enterprises. We have exported our products to Middle-East, South America, Southeast Asia, Africa, etc. Our products are highly recognized by domestic and international clients.

