

敬业出品·必是精品

JINGYE PRODUCTION MUST BE A  
BOUTIQUE



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【企业公众号: 敬业钢铁】



# 敬业彩涂板产品手册

JINGYE COATING PLATE PRODUCT MANUAL

打造百年经典高端彩钢建筑的优选供应服务商

Create a century of classic high-end color steel buildings preferred supply service providers



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JINGYE GROUP

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打造百年经典高端彩钢建  
筑的优选供应服务商

Create a century of classic high-end color steel  
buildings preferred supply service providers

# GROUP PROFILE

## 集团简介

**JINGYE GROUP**  
敬业集团



现有员工**40000**名

It currently has  
40,000 employees

2023年集团销售收入**3407**亿元

2023 the sales revenue  
was 340.7 billion yuan

出口**130**个国家

exported to  
more than 130 countries

敬业集团是以钢铁为主业，下辖总部钢铁、乌兰浩特钢铁、英国钢铁、广东敬业钢铁、广东粤北钢铁五大生产基地，兼营钢材深加工、增材制造3D打印、国际贸易、旅游、酒店的跨国集团，现有员工40000名。2023年集团销售收入3407亿元，荣膺“钢铁行业改革开放40周年功勋企业”“2017京津冀最具影响责任品牌”“钢铁企业A+级竞争力极强企业”“环保绩效A级企业”。

主要产品螺纹钢、宽厚板、热卷板、冷轧板、镀锌板、彩涂板、圆钢、异型钢、型钢、线材、钢轨，是国家高强钢筋生产示范企业。产品先后通过了ISO9001、ISO14001认证，四国船级社认证、欧盟CE认证。螺纹钢产品荣获中国钢铁工业协会冶金产品实物质量认定（金杯奖）。集团实施国际化战略，做全球钢材和金属制品供应服务商，在全球32个国家设立分公司和办事机构，产品出口到130个国家和地区，应用于北京大兴国际机场、世博会中国馆、三峡工程、南水北调、石家庄地铁、呼市地铁、雄安市民服务中心、文莱跨海大桥等国内外重点项目工程。

为积极响应国家“鼓励有条件的企业实施跨区域、跨所有制

**钢铁企业A级竞争力特强企业**

A-level competitive steel enterprise

兼并重组，加快钢铁行业转型升级”号召，做大做强钢铁主业，敬业集团开始在全球进行战略布局。2014年重组乌兰浩特钢铁厂，2020年3月正式收购英国第二大钢铁企业—英国钢铁公司，成为跨国企业集团，向世界钢铁业展现了中国钢铁的影响力和竞争力。2020年9月接手广东泰都钢铁公司，积极开拓华南市场，并向东南亚辐射。2022年10月25日，正式收购广东粤北联合钢铁公司，是集团华南战略布局又一重大决策。

敬业集团将深入学习贯彻党的二十大精神，在“双碳”战略目标和双循环新发展格局指引下，坚持做优做强做大，奋力开创钢铁产业高质量发展的新局面，打造全球绿色低碳、效益领先的钢材和金属制品供应服务商，为加快建设制造强国、质量强国贡献力量。



Jingye Group is a multinational group with iron and steel as its main business. It has five major production bases, namely, Headquarters Steel, Ulanhot Steel, British Steel, Guangdong Jingye Steel, and Guangdong North Guangdong Steel. It also operates deep processing of steel, additive manufacturing, 3D printing, international trade, tourism, and hotels. It has 40000 employees. In 2023, the Group's sales revenue was RMB 340.7 billion it was selected into the first batch of green factories of the Ministry of Industry and Information Technology, and was awarded "Meritorious Enterprise in the 40th Anniversary of Reform and Opening up of the Steel Industry", "2017 Most Influential and Responsible Brand in Beijing, Tianjin and Hebei", and "A+Class Enterprise with Very Strong Competitiveness of Steel Enterprises" "A-level environmental performance enterprise".

The main products are rebar, hot rolled steel sheet and plate, hot rolled steel sheet in coil, cold rolled steel in sheet and coil, galvanized steel in sheet and coil, color-coated plates, round steel, special-shaped steel, section steel, wire rods, and rails. Jingye Group is a demonstration enterprise for production. The group has been certified by ISO9001, ISO14001 certification, Shikoku Classification Society certification, and EU CE certification. Rebar products were awarded the physical quality certification of metallurgical products by China Iron and Steel Industry Association (Golden Cup Award). The Group implements an international strategy to become a global steel and metal product supplier and service provider. It has established branches and offices in 32 countries around the world. Its products are exported to more than 130 countries and regions for use in Beijing Daxing International Airport,

the China Pavilion at the World Expo, and the Three Gorges. Engineering, South-to-North Water Diversion, Shijiazhuang Metro, Hohhot Metro, Xiong'an Citizen Service Center, Brunei Cross-sea Bridge and other key projects at home and abroad.

In order to actively respond to the country's call to "encourage qualified enterprises to implement cross-regional and cross-ownership mergers and reorganizations, and accelerate the transformation and upgrading of the steel industry", Jingye Group has begun to implement a strategic layout in the world. In 2014, the Ulanhot Steel Plant was reorganized. In March 2020, it formally acquired the British Steel Company, the second largest steel company in the UK, and became a multinational conglomerate, demonstrating the influence and competitiveness of Chinese steel to the world steel industry. In September 2020, it took over Guangdong Taidu Iron and Steel Company, and actively explored the South China market and radiated to Southeast Asia. On October 25, 2022, the official acquisition of Guangdong North Guangdong United Steel Co., Ltd. was another major decision of the Group's strategic layout in South China.

Jingye Group will deeply study and implement the spirit of the 20th CPC National Congress, adhere to the strategic goal of "double carbon" and the new development pattern of double cycle, and strive to create a new situation for the high-quality development of the steel industry, create a global green, low-carbon, cost-effective steel and metal products supplier and service provider, and contribute to accelerating the construction of a manufacturing and quality power.

# COMPANY CULTURE

## 企业文化



### 企业精神

务实求精, 永远争第一

#### Entrepreneurial spirit

pragmatic improvement, always strive for the first



### 创新理念

挑战极限, 勇于创新

#### Innovative ideas

Challenge the limit and be brave to innovate



### 安全理念

安全大于一切, 安全重于一切

#### Safety concept

safety is more important than safety



### 质量理念

高标准、精细化、零缺陷

#### Quality concept

High standard, refinement and zero defect



### 品牌定位

绿色敬业、精品敬业、诚信敬业

#### Brand Positioning

Green, excellent and credible



### 工作作风

迅速反应, 马上行动, 做事到位, 注重效果

#### Work style

respond quickly, act immediately, do things in place, and pay attention to results



### 环保目标

树立全国环保典范, 环保工作全省第一

#### Environmental goals

Set up a national environmental protection model, and the environmental protection work ranks first in the province



### 服务理念

做好产品是最好的为客户服务

#### Service concept

Good product is the best service for customers

# COMPANY PROFILE

## 公司简介

欢迎来到敬业高品钢科技有限公司

Welcome to Jingye High-Quality steel Technology Co.,Ltd.

河北敬业高品钢科技有限公司是敬业集团斥巨资打造的高端精品钢生产项目, 总占地面积740亩, 规划投资47亿元建设260万吨1450mm系列生产线, 项目分两期进行建设。产品定位高端精品, 采用国内领先工艺技术, 装备大型化、生产智能化、产品高端化、服务信息化。依托钢铁主业高技术优势, 形成烧结、炼铁、炼钢、热轧、冷轧全流程产业链, 产品主要分为轧硬、冷板、镀锌、镀铝锌、彩涂五大类, 可生产0.2mm-2.5mm厚度的冷轧产品, 特殊规格可定制生产, 满足客户个性化需求。

一期1450mm项目投资21亿元, 于2020年5月底顺利投产。包含一条酸联轧机组、一条连退机组、一条热镀锌机组、一条热镀铝锌机组、一条彩涂机组。设计年产能120万吨, 其中冷轧板60万吨, 热镀锌板30万吨, 热镀铝锌板30万吨。彩涂板20万吨。



Hebei Jingye High-Quality Steel Technology Co., Ltd. is a high-end high-quality steel production project built by Jingye Group with huge investment. It covers a total area of 740 mu and plans to invest 4.7 billion yuan to build a 2.6 million ton 1450mm series production line. The project will be constructed in two phases. The products are positioned as high-end boutiques, adopting domestic leading technology, large-scale equipment, intelligent production, high-end products and information services. Relying on the high-tech advantages of the main iron and steel industry, the whole process industrial chain of sintering, ironmaking, steelmaking, hot rolling and cold rolling has been formed. The products are mainly divided into five categories: hard rolling, cold plate, zinc plating, aluminum plating and color coating. The cold rolling products with thickness of 0.2mm-2.5mm can be produced. The special specifications can be customized to meet the personalized needs of customers.

The first phase of the 1450mm project has an investment of 2.1 billion yuan and will be put into operation smoothly at the end of May 2020. It includes a tandem acid tandem mill, a continuous rolling mill, a hot-dip galvanizing mill, a hot-dip galvanizing mill, and a color coating mill. The designed annual production capacity is 1.2 million tons, including 600,000 tons of cold-rolled sheets, 300,000 tons of hot-dip galvanized sheets, 300,000 tons of hot-dip galvanized sheets, 200,000 tons of color-coated sheets.

The second phase of the project covers an area of 400 mu, with a production capacity of 1.4 million

二期项目占地400亩、产能140万吨/年, 计划投资26亿元, 市场定位中高端家电、建材用钢、汽车结构件和冲压件用钢, 主要包含1条酸轧、1条罩退、3条镀锌、1条彩涂机组, 计划于2024年4月全部建成投产。项目建设积极践行“节能降耗、低碳环保”的发展理念, 配备废酸再生、污水反渗透、塑烧板除尘等环保设施, 配套国内外最先进的烟气回收利用、沸石转轮+RTO焚烧炉等节能技术。



tons/year, and a planned investment of 2.6 billion yuan. The market positioning of the project is high-end household appliances, steel for building materials, steel for automotive structural parts and stamping parts, mainly including 1 acid rolling, 1 cover stripping, 3 galvanizing, and 1 color coating unit. It is planned to be completed and put into operation in April 2024. The project construction actively implements the development concept of "energy conservation, consumption reduction, low carbon and environmental protection", and is equipped with waste acid regeneration, sewage reverse osmosis, plastic burning plate dust removal and other environmental protection facilities, as well as the most advanced flue gas recycling technology at home and abroad, zeolite runner+RTO incinerator and other energy-saving technologies.

## CNY 4,700,000,000

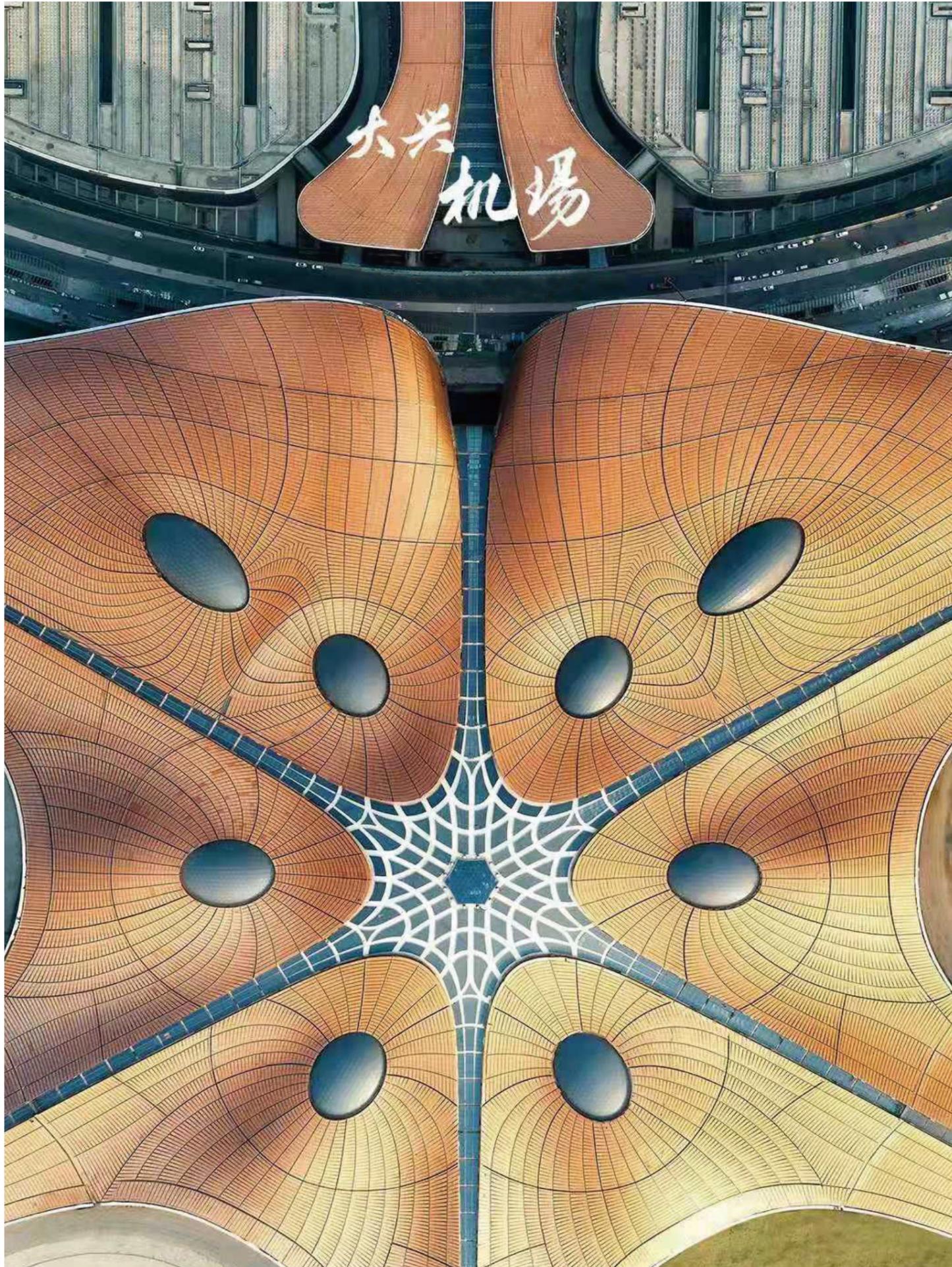
投资47亿元兴建260万吨涂镀板项目

invests CNY 4.7 billion to build the 2,600,000 Ton/Year Coated/ Galvanized Sheet Project



24小时一对一服务

24 hour one-to-one service



01

### 匠心品质, 产品性能稳定

全流程钢铁集团, 31000名匠人, 从矿石到炼铁、炼钢, 从钢坯到热轧、冷轧, 历经200多道工序, 精心打造每一块薄板, 确保用户稳定生产。

### Ingenious Quality, And Stable Product Performance

The whole process steel group, 31,000 artisans, from ore to iron and steel making, from billet to hot rolling, cold rolling, after more than 200 processes, carefully build each sheet to ensure stable production for users.



02

### 定制生产, 用户成本更低

集合900名炼铁、炼钢、热轧、冷轧工艺技术专家, 造就非同一般的产品研发力, 不断开发最高性价比产品, 满足用户定制要求。

### Customized Production, Lower User Costs

Assemble 900 technical experts in iron-making, steel-making, hot-rolling, and cold-rolling processes to create extraordinary product research and development capabilities, and constantly develop the most cost-effective products to meet user customization requirements.



03

### 提供24小时全面服务

客户服务, 24小时内到达现场, 一对一服务, 第一时间解决客户问题。

### Provide 24 -hour full service

Customer service promises to arrive at the scene within 24 hours of the incident, provide one-to-one service, and solve customer problems as soon as possible.



# JINGYE PREPAINTED STEEL SHEET

## 敬业彩涂板



彩涂板生产规格范围  
The production specification range of color-coated board  
**0.2~1.2mm × 750~1330mm**

### 产业链优势 / Industry Chain Advantage

全流程钢铁集团，从炼钢、钢坯、热卷、五联轧机组轧硬、镀锌、彩涂。设备配置精湛，品控严谨，原材料全部使用品牌的产品，为后期的产品品种的延展能力打下坚实的基础。镀锌、镀铝锌、锌铝镁基板，镀锌含量可根据客户需要灵活定制。品牌油漆工厂技术支持，油漆种类：聚酯彩涂、高耐候彩涂、硅改性彩涂、氟碳彩涂、畜牧业专用市场彩涂等，最大限度的保证了高端产品的稳定性。

The whole-process steel group, from steelmaking, billet, hot coil, five-line group rolling, galvanizing, and color coating. Exquisite equipment configuration, rigorous quality control, and all raw materials use brand products, laying a solid foundation for the later product variety of the exhibition ability.

Galvanized, aluminum-zinc, and zinc-aluminum-magnesium substrates, the content of zinc plating can be flexibly customized according to customer needs. Brand paint factory technical support, paint types: polyester color coating, high weather resistance color coating, silicon modified color coating, fluorocarbon color coating special market color coating for storage and animal husbandry, etc., to maximize product stability.

### 应用领域 / Application Areas

产品广泛应用于场馆、航站楼、厂房、车间等行业。

Products are widely used in venues, terminal buildings, factories, workshops and other industries.



01  
场馆  
Venue



02  
航站楼  
Terminal



03  
厂房、车间  
Factory, workshop



04  
其他  
In the news

### 产品特点 / Product advantages

彩涂机组与北京星和众工设备技术股份有限公司合作，采用国内外成熟、先进的二涂二烘生产工艺，机组产品定位生产高端建筑板和家电板，生产规格定在厚度0.2-1.2mm宽度750-1330mm。

The co coating unit Beijing Xinghe Zhonggong Equipment Technology Co.,Ltd.cooperated with mature and advanced domestic and foreign two-coating and two-baking production technology.The unit products are positioned to produce high-end construction boards and home appliances boards.The production specifications are set at a thickness of 0.2-1.2mm in width 750-1330mm.

### 敬业高端彩涂板优势 / Advantages

- ①敬业高端彩涂板，全流程钢铁集团，全产业链优势，稳定合作；
- ①Dedicated high-end color coated plate, the whole process steel group, the advantages of the entire industrial chain, stable cooperation;
- ②星和众工成熟技术、西门子自动控制设备，一流装备品质保证；
- ②Star and Zhonggong mature technology, Siemens automatic control equipment, first-class Equipment Quality Assurance;
- ③无纺布挤干辊，保证钢带清洁，有效提升油漆附着力；
- ③Non-woven dry roll, ensure clean steel strip, effectively enhance paint adhesion;
- ④辊涂自带压力传感器，精准控制漆面厚度；
- ④Roller coating with pressure sensor, accurate control of paint thickness;
- ⑤独树一帜新风固化系统，超洁净的板面质量，出色的色差控制；
- ⑤Nothing in Common curing system, ultra clean panel quality, excellent Color Difference Control;
- ⑥独有的出口拉伸弯曲矫直，多重保证彩板板面精度。
- ⑥Unique export stretch bending straightening, multiple guarantee color plate surface accuracy.

**产品规格、牌号及用途 / PRODUCT SPECIFICATION, GRADE AND USAGE**

类别 Steel type	规格mm Specification (mm)	产品分类 Productcategory	供货标准 Supply standard
			牌号Grade
彩涂板 Prepainted Steel Sheet	0.2-1.2	Z	TDC51D+Z
			TDC52D+Z
			TDC53D+Z
			TS250GD+Z
			TS280GD+Z
			TS320GD+Z
		AZ	TS350GD+Z
			TDC51D+AZ
			TDC52D+AZ
			TDC53D+AZ
			TS250GD+AZ
			TS280GD+AZ
			TS300GD+AZ
			TS320GD+AZ
			TS350GD+AZ

供货标准 Supply standard	用途
对应标准 Corresponding standard	Product Usage
GB/T 12754-2019	一般用General use
	冲压用For stamping
	深冲压用For deep drawing
	结构用For structure
	一般用General use
	冲压用For stamping
	深冲压用For deep drawing
	结构用For structure



# DEVELOPMENT VISION

发展愿景

J I N G Y E C O L D R O L L E D

**Create a century of classic  
high-end color steel buildings preferred  
supply service providers**

打造百年经典高端彩钢建筑的优选供应服务商

