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TIANJIN XINYU  
COLOR PLATE  
CO.,LTD.

# GENERAL MANAGER SPEECH

## 总经理致辞

天津市新宇彩板有限公司自成立以来，一直秉承“信誉至上，品质为基”的理念，持续深耕涂镀领域。我们在各级领导的大力支持与关怀下，在各界同仁及广大客户的密切协作下，各方面都取得了长足的发展与进步。

几度春秋，几经磨难，既有创业的艰辛，也有成功的喜悦，新宇的成长得到了社会各界的帮助，浸透了全体新宇人的汗水。在此，我对所有关心我们发展的各级领导、各界朋友以及服务于新宇的全体同仁表示衷心地感谢！

新宇人重“诚”，“诚”是我们事业成功的基础。新宇人把真诚贯穿于各项工作之中，以诚取信、以诚待人、平等互惠、共同发展，“诚”使我们的经营领域不断拓展，“诚”使我们的朋友遍布天下。

新宇人重“信”，“信”是我们事业成功的保障。新宇人视信誉为生命，以信誉为合作的纽带，“信”使我们业务渠道更加牢固，“信”使我们的事业不断发展。

新宇人以高度的使命感与责任感，紧随国家绿色发展战略，始终把“绿色低碳、节能环保、循环经济”放在首位，充分发挥节能减排和循环经济的技术优势，为生态环境绿色可持续发展竭尽绵薄之力！

面对激烈的市场竞争，新宇始终坚持解放思想，用发展的眼光、国际的视野和创新的精神，激励和增强企业活力，博采互鉴、革故鼎新，致力于成为全球涂镀钢板方案解决专家。

总经理：  
General manager

新宇

Since its establishment, Tianjin Xinyu Color Plate Co., Ltd. has been adhering to the corporate philosophy of "Credit First, Quality First", and has continued to plow the field of coating. With the strong support and care of leaders at all levels, and the close cooperation of colleagues from all walks of life and our customers, we have been able to develop rapidly.

After many trials and hardships, both the hardships of entrepreneurship and the joy of success, Xinyu's growth has been helped by all sectors of society, soaking the sweat of all Xinyu people. Here, I would like to express my sincere thanks to all leaders and friends from all walks of life who care about our development and all my colleagues who serve Xinyu!

Xinyu people regards "sincerity", "sincerity" is the foundation of the success of our career. Xinyu people have been sincere in all kinds of work, and treat trust with sincerity and treat people with sincerity to achieve equality and mutual benefit and common development. "Sincerity" has continuously expanded our business field and "sincerity" has made our friends all over the world.

Xinyu people regards "trust", which is the guarantee of the success of our career. Xinyu people regard credibility as life, and credibility as the bond of cooperation. "Trust" makes our business channels more solid, and "trust" makes our business keep developing.

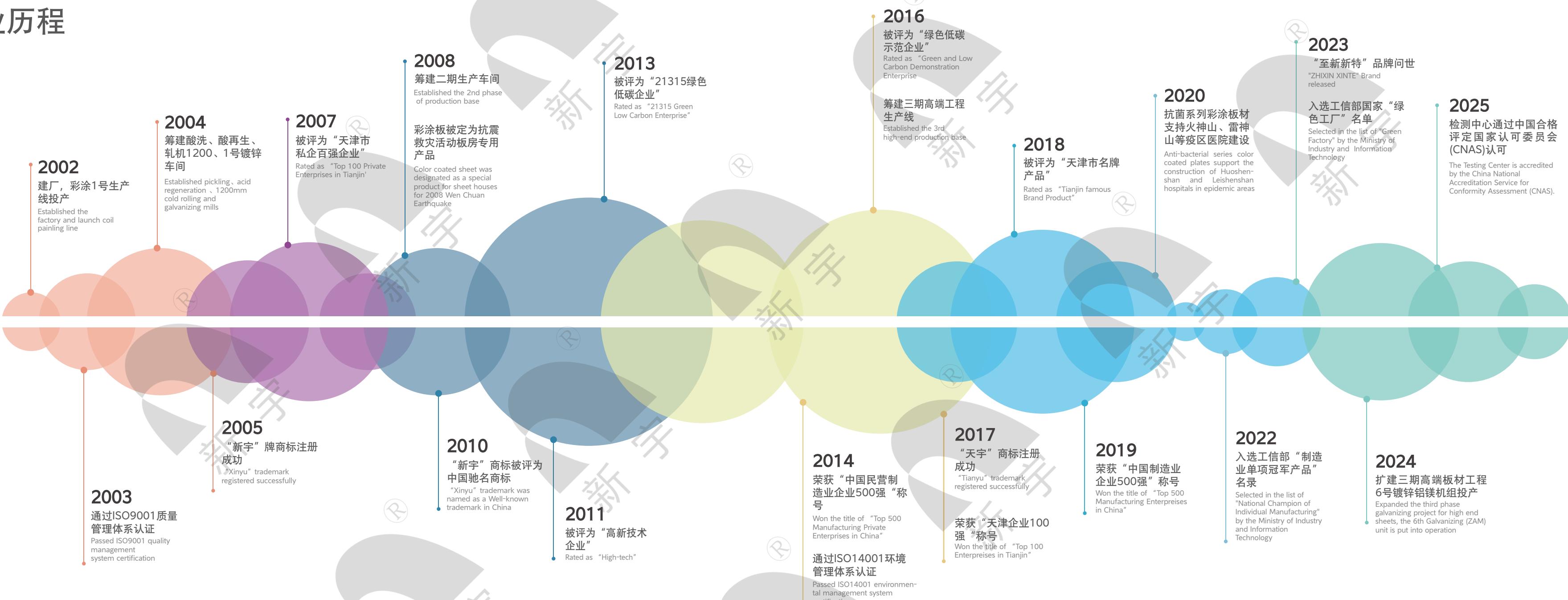
With a high sense of mission and responsibility and following the national green development strategy, Xinyu people always put "green, low-carbon, energy-saving, environmental protection, and circular economy" in the first place, giving full play to the technological advantages of energy conservation, emission reduction and circular economy, and providing an ecological environment green sustainable development with effort!

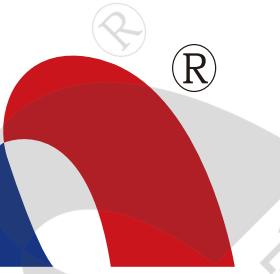
Facing fierce market competition, Xinyu has always insisted on emancipating the mind, using the development vision, international vision and innovative spirit to inspire and enhance the vitality of the company, learning from each other, reinventing itself. Try our best to be the global color coated steel sheet solution expert.



# ENTERPRISE HISTORY

## 企业历程





新宇

信誉至上，品质为基

Reputation First, Quality As The Foundation

走进新宇  
CLOSE TO XINYU





## COMPANY PROFILE

### 企业概况

天津市新宇彩板有限公司成立于2002年，是一家专注于涂镀钢板生产、研发、销售、服务的高新技术企业。公司注册资本3亿元人民币，现有员工2000余人，设有三个生产基地，三十多条国际先进水平产线，及昊宇、宇润德两家兄弟企业，年可销售产能350万吨，彩涂板单一产能260万吨。功能彩涂板入选国家工信部“制造业单项冠军产品”名录。

天津新宇彩板主营镀锌板、镀锌铝板、镀铝锌板、镀锌铝镁板和各类彩涂板，产品被广泛应用于建筑装饰、家用电器、电气工程、汽车制造、军工制造、交通设施、农业畜牧、金属制品等领域，销售网络覆盖全国34个省市、自治区，并远销海外六十多个国家和地区。

新宇严格按照ISO9001标准组织生产，曾先后荣获高新技术企业、中国制造业500强、全国及天津市文明单位、绿色低碳示范企业、全国金属板行业质量领先企业、全国金属板行业质量领先品牌、全国质量检验稳定合格产品、天津市守合同重信用企业、科技领军企业、天津市百强民营企业、金融AAA信用企业等荣誉称号。

Tianjin Xinyu Color Plate Co., Ltd. was established in 2002 and is a high-tech enterprise specializing in the production, research and development, sales, and service of coated steel plates. The company has a registered capital of 300 million Yuan and currently employs over 2000 people. It has three production bases and two brother enterprises, Haoyu and Yurunde, and more than 30 internationally advanced production lines, with an annual comprehensive production capacity of 3.5 million tons and a single production capacity of 2.6 million tons for color coated plates. Functional color coated plates were selected in the list of "National Champion of Individual Manufacturing" by the Ministry of Industry and Information Technology of China.

Tianjin Xinyu mainly sells Galvanized plates, Zn-Al plates, Al-Zn plates, Zn-Al-Mg plates, and various color coated sheets. The products are widely used in fields such as building decoration, household appliances, electrical engineering, automotive, military, transportation facilities, agriculture and animal husbandry, metal products, etc. The sales network covers 34 provinces, cities, and autonomous regions nationwide, and is exported to more than 60 countries and regions overseas.

Xinyu strictly adheres to the ISO9001 standard for production and has been awarded the titles of National High tech Enterprise, Top 500 Manufacturing Enterprises in China, Civilized Units in China and Tianjin, Green and Low Carbon Demonstration Enterprise, National Quality Leading Enterprise in the Metal Plate Industry, National Quality Leading Brand in the Metal Plate Industry, Stable and Qualified Products in National Quality Inspection, Tianjin Contract abiding and Credit Valuing Enterprise, Science and Technology Leading Enterprise, and Top 100 Private Enterprises in Tianjin Financial AAA Credit Enterprise and other honorary titles.



宇润德

天津市宇润德金属制品有限公司  
专注窄带镀锌板  
打造涵盖全领域产业链



天津昊宇

天津市昊宇世纪进出口有限公司  
建立遍布全球的营销网络

# » GREEN & INTELLIGENCE 绿色智能

## 绿色工厂

扎实做好碳达峰、碳中和工作，已成为“十四五”时期重要任务。新宇彩板积极响应国家战略，努力建设资源节约型和环境友好型企业，推动自身形成绿色生产生活方式，积极创建绿色工厂。2019年底，新宇获评“天津市绿色工厂”。2023年，新宇入选工业和信息化部“2023年度绿色制造——绿色工厂”名单。2024年1月，入选天津市“无废工厂”。

## 智能工厂

新宇的生产线采购自全球领先供应商的尖端设备，并由国际知名钢铁技术企业设计。新宇将工业化与信息化融合，实施先进的制造系统方案，从而达成精益化生产。新宇已于2023年获得A级两化融合管理体系评定认证，两化融合管理体系符合GB/T23001-2017《信息化和工业化融合管理体系要求》及GB/T23006-2022《信息化和工业化融合管理体系新型能力分级要求》。新宇“供应链可视化”和“智能仓储”场景，入选国家工信部2022年度智能制造优秀场景名单。

## GREEN FACTORY

Doing a solid job in achieving carbon peak and carbon neutrality has become an important task during the 14th Five-Year-Plan period. Tianjin Xinyu actively responds to national strategies, strives to build resource-saving and environmentally friendly enterprises, promotes its own green production and lifestyle, and actively creates green factories. At the end of 2019, Tianjin Xinyu was awarded the title of "Tianjin Green Factory". In 2023, Xinyu was selected for the "2023 Green Manufacturing - Green Factory" list by the Ministry of Industry and Information Technology. In January 2024, XINYU is selected as a "zero waste factory" in Tianjin.

## INTELLIGENT FACTORY

Xinyu's production line is sourced from cutting-edge equipment from leading global suppliers and designed by internationally renowned steel technology companies. Xinyu will integrate industrialization and informatization, implement advanced manufacturing system solutions, and achieve lean production. Xinyu has obtained the A-level evaluation and certification of the integration management system in 2023. The integration management system meets the requirements of BG/T23001-2017 "Information and Industrialization Integration Management System Requirements" and BG/T23006-2022 "New Capability Grading Requirements for Information and Industrialization Integration Management System". Xinyu's "Supply Chain Visualization" and "Intelligent Warehousing" scenarios were selected for the 2022 Excellent Intelligent Manufacturing Scenarios List by the Ministry of Industry and Information Technology of the People's Republic of China.

# » CORPORATE CULTURE 企业文化

## 企业愿景

高端彩涂行业引领者

## 企业使命

致力于成为全球涂镀钢板方案解决专家

## 战略目标

不忘初心，坚守使命。恪守品质承诺，彰显企业价值，以优异的成绩回报社会。创新服务，融合发展。学习先进文化，将外界优异品质转化为内部直接驱动力。直面挑战，以创新引领发展，不断构筑新宇精神、新宇价值、新宇力量。

## 核心价值观

诚信 高效 务实 创新

## 企业宗旨

信誉至上 品质为基

## CORPORATE VISION

Leader in the high-end pre-painted industry

## CORPORATE MISSION

Dedicated to becoming a global solution expert for pre-painted steel sheets

## STRATEGIC TARGET

Stay true to the mission, uphold quality commitments, demonstrate corporate values, and deliver outstanding result to society. Innovate in services, Integrated Development. Learn from advanced cultures and transform external excellence into internal driving forces. Face challenges head-on, lead development through innovation, continuously build the Xinyu spirit and Xinyu strength.

## CORE VALUES

Integrity Efficiency pragmatism Innovation

## CORPORATE PRINCIPLE

Reputation first, quality as the foundation





## GUIDANCE IN PARTY BUILDING 党建引领

新宇彩板党支部成立于2002年，现有党员35名。群团建设有工会、共青团、妇女联合会等。公司成立二十余年来，始终坚持以党建为引领，坚定不移听党话、跟党走，为企业发展注入了源源不断的红色能量。充分利用党组织的独特政治优势，发挥基层党组织的战斗堡垒作用与党员的先锋模范作用，不断提升企业竞争优势、创新优势和发展优势。

新宇彩板秉承“诚信 高效 务实 创新”的核心价值观，党工团等组织高效协同，积极开展以关注、关爱、关怀职工为主线的文体活动和文明创建活动，先后荣获全国模范职工之家、全国文明单位、五一劳动奖状、工人先锋号等荣誉，多年来实现了持续稳健发展。

Tianjin Xinyu Party Branch was established in 2002 and currently has 35 party members. Group includes labor unions, Communist Youth League, Women's federations, etc. Since its establishment for over 20 years, the company has always adhered to the leadership of party building, unwaveringly listened to and followed the party, injecting a continuous stream of red energy into the development of the enterprise. Fully utilize the unique political advantages of party organizations, leverage the battleground role of grassroots party organizations and the vanguard and exemplary role of party members, and continuously enhance the competitive, innovative, and development advantages of enterprises.

Tianjin Xinyu adheres to the core values of "integrity, efficiency, practicality, and innovation". The Party, Labor Union, and other organizations collaborate efficiently and actively carry out cultural activities and civilization creation activities centered on caring for employees. It has been awarded honors such as National Model Employee Home, National Civilized Unit, May Day Labor Medal, and Worker Pioneer, and has achieved sustained and stable development over the years.



## SOCIAL RESPONSIBILITY 社会责任

多年来，新宇始终将责任作为企业发展的基石，积极承担社会责任，弘扬扶危济困的传统美德，竭力投身扶贫工作和公益慈善活动。汶川地震、脱贫攻坚、抗击新冠病毒、京津冀地区洪灾等事件发生时，新宇彩板都在第一时间捐款捐物。据不完全统计，自2013年以来，新宇彩板通过各种渠道向社会和贫困地区捐赠各类款项物资价值累计超4千万元。未来，新宇彩板将继续向善而行，秉持初心，积极履行企业社会责任。

For many years, Xinyu has always regarded responsibility as the cornerstone of corporate development, actively assuming social responsibility, promoting the traditional virtues of helping the poor, and dedicating itself to poverty alleviation and public welfare charity activities. When events such as Wenchuan earthquake, poverty alleviation, fighting against COVID-19, and floods in Beijing Tianjin Hebei region occurred, Xinyu all donated materials at the first time. According to incomplete statistics, since 2013, Tianjin Xinyu has donated various funds and materials worth over 40 million yuan to society and impoverished areas through various channels. In the future, Xinyu will continue to act towards goodness, uphold its original intention, and actively fulfill its corporate social responsibility.





## CORPORATE ADVANTAGE

### 企业优势



### 全领域产业链条 全球化营销网络

为打造涵盖全领域产业链条,成立天津市宇润德金属制品有限公司,专注窄带镀锌板生产。为建立全球化的营销网络,新宇坚持全球化战略。面对国内市场,我们施行科学完善的贸易商模式,将品牌、产品与服务持续的传递给广大贸易商,通过与贸易商的密切合作,产品已遍布全国30多个省、市、自治区;面对国际市场,成立天津市昊宇世纪进出口有限公司,积极落地国际化发展战略,根据不同国家对产品的不同技术要求,严格按照美标、欧标、日标等国外标准进行生产与出口,产品远销欧洲、南美、东南亚、非洲等60多个国家和地区。

In order to build an industrial chain covering the whole field, Xinyu sets up Tianjin Yurunde Metal Products Co., Ltd., focusing on the production of narrow band galvanized sheet; In order to establish a global marketing network, Xinyu adheres to the globalization strategy. In China, we implement a scientific and complete distribution model to continuously transfer brands, products and services to the majority of distributors. Through close cooperation with distributors, our products have spread to more than 30 provinces, municipalities and autonomous regions in the country; In the international market, we set up Tianjin Haoyu Century Imp&Exp Co.,Ltd, actively implement the international development strategy, according to the different technical requirements in different countries, strictly in accordance with American standards, European standards, Japanese standards and other foreign standards for production and export, the products are exported to Europe, South America, Southeast Asia, Africa and more than 60 countries and regions.

### 至新新特

为贯彻绿色发展理念、满足日益增长的高端用户需求,新宇启动战略性品牌升级,通过创新理念、迭代技术、完善服务,将高端涂镀产品和至臻服务支持整合为全新“涂镀板材一站式绿色解决方案”——至新新特。

“至新新特”为高端工程项目打造,旗下产品具有低碳节能、耐腐耐蚀、美观保色等特性。丰富的细分子品类体系,更可根据不同应用场景,提供针对性功能支持。

### ZEX

In order to implement the concept of green development and meet the growing demand of high-end users, Xinyu has launched a strategic brand upgrade. Through innovative concepts, iterative technology, and improved services, it has integrated high-end coated products and top-notch service support into a new "one-stop green solution for coated sheets" - **ZEX**.

**ZEX** is a high-end engineering project, and its products have characteristics such as low-carbon, energy-saving, corrosion resistance, aesthetics, and color retention. A rich subcategories can provide targeted functional support according to different applications.

## 认证

新宇现已通过ISO9001质量管理体系、ISO14001环境管理体系、ISO45001职业健康安全管理体系、ISO50001能源管理体系、GB/T29490知识产权管理体系及两化融合管理体系评定等多项认证。上述认证标志着新宇在相关领域管理规范达国际水平，是对新宇生产流程和产品质量的肯定，更是对新宇市场信誉的保障。

## 研发能力

新宇始终深耕涂镀板材领域，专注于高耐腐蚀性、长寿命、绿色环保涂镀板材的设计、研发、测试和优化。近年，公司持续加大科研经费投入，积极引进并培育高端技术人才，不断加快研发创新步伐，与国内多所高校建立深度战略合作，更携手世界五百强涂料企业共建联合实验室；截至目前，已获授权专利三百余项，并先后取得天津市企业技术中心、专利试点企业、天津市首批工业设计中心、CNAS认证等多项重磅资质，以硬核的技术实力与卓越的创新能力，树立起行业发展的标杆典范。

## 服务

本着“互利双赢”的经营理念，新宇以客户需求为导向，为客户提供更高性能的产品及个性化服务。新宇同时具备灵活的生产模式和快速交货能力，能为客户提供更高效的优质服务。新宇产品由PICC中国人民财产保险公司承保，提供高端板材最高50年质保服务，全面解决客户后顾之忧。

## CERTIFICATION

Xinyu has passed multiple certifications, including ISO9001 Quality Management System, ISO14001 Environmental Management System, ISO45001 Occupational Health and Safety Management System, ISO50001 Energy Management System, GB/T29490 Intellectual Property Management System, and Integrated Management System Assessment. The above certification signifies that Xinyu has achieved international management standards in relevant fields, which is an affirmation of Xinyu's production process and product quality, and also a guarantee of Xinyu's market reputation.

## R & D CAPABILITY

Xinyu has been dedicated to the coated and prepainted steel sheet sector, focusing on the design, R&D, testing, and optimization of coated sheets that offer high corrosion resistance, extended service life, and environmental sustainability. In recent years, the company has consistently increased investment in scientific research, actively introduced and nurtured high-end technical talent, and accelerated the pace of innovation. We have established in-depth strategic partnerships with several domestic universities and jointly built a laboratory with a global Fortune 500 coating enterprise. To date, Xinyu has been granted over 300 patents and has obtained a series of prestigious accreditations, including the Tianjin Enterprise Technology Center, Patent Pilot Enterprise, Tianjin's First Batch of Industrial Design Centers, and CNAS certification. With solid technological expertise and outstanding innovative capabilities, we have set a benchmark for the industry's development.

## SERVICE

Adhering to the business philosophy of "mutual benefit and win-win", Xinyu is customer-oriented and provides customers with higher performance products and personalized services. Xinyu has both flexible production models and fast delivery capabilities, which can provide customers with more efficient and high-quality services. Xinyu products are underwritten by PICC People's Property and Casualty Insurance Company of China, providing a maximum 50 year warranty service for high-end boards, comprehensively solving customers' worries.



质量、环境、职业健康  
安全管理体系认证



质量、环境、能源、职业健康  
安全管理体系认证



质量、环境、能源、职业健康  
安全管理体系认证



知识产权管理体系认证



彩色涂层钢带  
连续热镀锌和锌合金镀层钢带  
通过环境产品声明 (EPD) 认证



质量、环境、职业健康  
安全管理体系认证



质量、环境、能源、职业健康  
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# HONOR 荣誉

成立二十余年来，新宇获得过来自各级政府及社会各界的数百项荣誉称号。这既是对新宇的肯定，也是督促新宇继续不断推进技术创新、管理升级、承担更多企业社会责任的强大动力。

Since its establishment for over 20 years, Xinyu has received hundreds of honorary titles from various levels of government and various sectors of society. This is not only an affirmation of Xinyu, but also a strong driving force to urge Xinyu to continue promoting technological innovation, management upgrading, and assuming more corporate social responsibility.



国家制造业  
单项冠军产品



AAA级信用企业



高新技术企业



绿色低碳企业



中国驰名商标



京津冀企业百强



百亿企业



全国文明单位



全国质量检验稳定  
合格产品



天津市无废工厂



有色金属工业  
科学技术奖



中国绿色建材最具  
推广应用奖



民营建材企业  
TOP10



建材企业实力  
TOP50



全国十佳医疗建筑材料  
优秀供应商



天津市著名商标



天津市企业100强



天津市制造业  
企业100强



天津市优秀  
民营企业



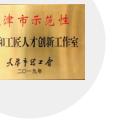
健康成长工程



涂镀技术  
联合研发中心



天津市企业  
技术中心



天津市示范性劳模和  
工匠创新工作室



天津市五一  
劳动奖状



天津市守合同  
重信用企业



市级工业设计  
中心



西青区劳动保障  
工作先进企业



助力乡村振兴  
爱心企业



众志成城 战疫必胜  
突出贡献奖



拥军企业



## PRODUCT ITERATION 产品迭代





## COLD ROLLED SHEET 冷轧板

新宇冷轧板是甄选国内大型钢厂的优质热轧钢卷为原材料，经酸洗去氧化铁皮后，在冷轧机组上施以轧制变形制成的产品。新宇冷轧板厚度精确、表面质量平整度高，具有优良的机械及加工性能。产品广泛应用于建筑、汽车、家电、交通等行业。

Xinyu cold rolled sheet is a product made by selecting high quality hot rolled steel coil from large domestic steel works as raw material and applying rolling deformation on the cold rolling mill after pickling and descaling. Xinyu cold rolled sheet has precise thickness and high surface quality flatness, and has excellent mechanical and processing performance. Products are widely used in construction, automotive, home appliances, transportation and other industries.

### PRODUCTION LINE ADVANTAGES: 生产线优势

- ◎ 世界先进水平的米巴赫激光焊机
- ◎ 五机架六辊的UCM轧机
- ◎ GE电控系统, IMS测厚仪, 厚度偏差达微米级
- ◎ ABB板形仪, 保证产品的板型
- ◎ SMS的乳化液系统
- ◎ Miebach laser welding machine of advanced level in the world
- ◎ UCM mill with five stands and six rolls
- ◎ GE electronic control system, IMS thickness gauge, thickness deviation of micron level
- ◎ ABB shape meter ensures the shape of products
- ◎ SMS emulsion system

XINYU CRC SPEC.	
厚度 Thickness	0.16-2.5mm
宽度 Width	700-1300mm
内径 Inner Diameter	508/610mm
卷重 Coil Weight	≤25T



## COLD ROLLED BLACK ANNEALED SHEET 黑退板



新宇黑退板是将冷硬钢板采用连续退火工艺后加工而成的一种钢板。  
Xinyu cold rolled black annealed sheet is a type of steel sheet processed by continuous annealing process.

XINYU CRBA SPEC.	
厚度 Thickness	0.25-1.2mm
宽度 Width	700-1300mm
内径 Inner Diameter	508/610mm
卷重 Coil Weight	≤25T



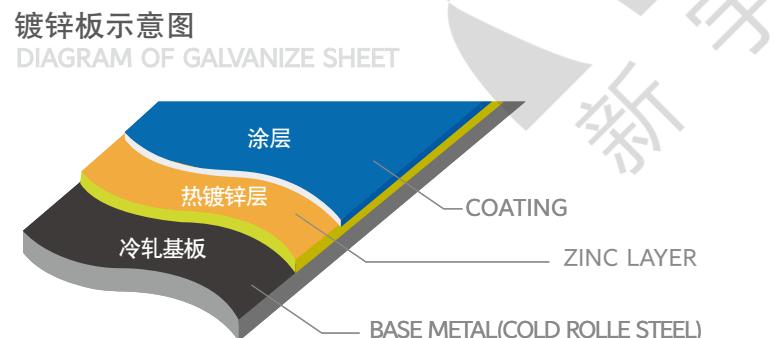
## GALVANIZED SHEET 镀锌板

新宇镀锌板是将冷硬板经过连续热镀锌机组电解清洗、退火之后，浸入熔融的锌液中，再经过光整、拉矫、钝化等相应工艺所得到的产品，具有优异的耐腐蚀性能。产品广泛应用于建筑、家电和汽车等行业。

Xinyu galvanized sheet is a product obtained by cold rolled coils sent to a continuous hot-dip galvanizing unit, electrolytic cleaned, annealed, immersed in molten zinc liquid, and then subjected to corresponding treatments such as skin pass, levelling and passivation. This product has excellent corrosion resistance. Xinyu galvanized sheet is widely used in construction, home appliances, automobiles and other industries.

XINYU GALVANIZED SHEET SPEC	
厚度 Thickness	0.25-3.0mm
宽度 Width	700-1300mm
内径 Inner Diameter	508/610mm
卷重 Coil Weight	≤25T
镀层重量 Coating mass	≤600g/m <sup>2</sup>
常规牌号 Regular Grade	DC51D~DC56D, S250GD, S280GD, S300GD, S350GD, S420GD, S450GD, S550GD

※其它牌号,请咨询新宇销售人员



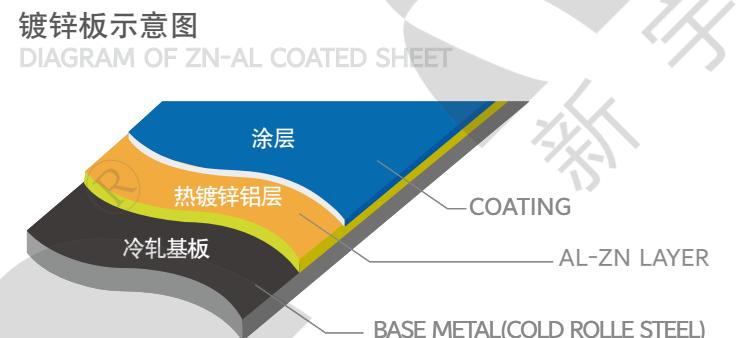
## ZN-AL COATED SHEET 镀锌铝板

镀锌铝板是以冷轧钢板为基板，在锌液中添加5%的铝以及稀土元素，经特殊工艺打造出性能优越的锌铝合金镀层，出色的防腐耐候性能以及优异的成型性，不仅广泛应用于建筑墙面、屋面等围护场景，还适配汽车、家电、工业设备配件等领域。

Zinc-Aluminium coated steel sheet is made from cold rolled steel sheets as the substrate, with 5% aluminium and rare earth elements added to the zinc solutions. Through specialized processes, a high performance zinc aluminium alloy coating is formed, offering excellent corrosion resistance, weather resistance and excellent formability. It's widely used in building walls, roofs and other cladding applications, as well as in automotive, home appliances, and industrial equipment components.

XINYU ZN-AL COATED SHEET SPEC	
厚度 Thickness	0.25-0.8mm
宽度 Width	700-1260mm
内径 Inner Diameter	508/610mm
卷重 Coil Weight	≤25T
镀层重量 Coating mass	≤300g/m <sup>2</sup>
常规牌号 Regular Grade	DC51D~DC53D, S250GD, S280GD, S300GD, S350GD, S550GD

※其它牌号,请咨询新宇销售人员

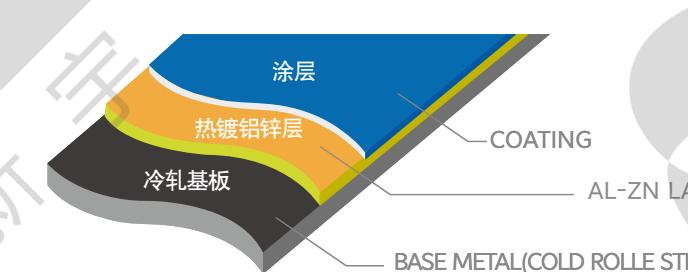


## AL-ZN COATED SHEET 镀铝锌板

新宇镀铝锌板是采用铝、锌、硅为主要元素，并且添加微量元素在600℃高温下凝固而形成的高耐腐蚀、高致密性的55%铝锌硅合金钢板，钢板表面具有均匀致密的细腻锌花，产品具有优异的耐腐蚀性能，被广泛应用于多项工业领域，例如建筑用的内外板、电气用品、汽车零部件及管道等行业。

Xinyu hot-dip Al-Zn coated sheet is a 55% Al-Zn-Si alloy coated steel sheet with high corrosion resistance and high density formed by using aluminum, zinc and silicon as the main elements, and adding trace elements to solidify at a high temperature of 600°C. The surface of the steel has uniform and fine spangle. Products with excellent corrosion resistance are widely used in many industrial fields, for example, interior and exterior panels for construction, electrical, automotive parts and pipes fields etc.

镀铝锌板示意图  
DIAGRAM OF AL-ZN COATED SHEET



### PRODUCT CHARACTERISTICS: 产品特性

- 优异的耐腐蚀性能，可应用于多种腐蚀环境，使用寿命长
- 出色的延展性，在重量相同和镀层厚度相同的情况下，其延展面积比镀锌板大3%以上
- 良好的热反射率，其反射热和光的能力是镀锌板的2倍，反射率大于0.75，是理想建筑节能隔热材料
- Excellent corrosion resistance, can be applied to a variety of corrosion environment long service life
- Excellent ductility, with the same weight and coating thickness, its extension area is more than 3% larger than that of galvanized steel
- Good thermal reflectance, its ability of reflecting heat and light is twice that of galvanized steel, and the reflectance is greater than 0.75, so it is an ideal building energy-saving and heat insulation material

### XINYU AL-ZN COATED SHEET SPEC 新宇镀铝锌板规格

厚度 Thickness	0.16-2.0mm
宽度 Width	700-1300mm
内径 Inner Diameter	508/610mm
卷重 Coil Weight	≤25T
镀层重量 Coating mass	≤240g/m <sup>2</sup>
常规牌号 Regular Grade	DC51D~DC54D, S250GD, S280GD, S300GD, S350GD, S420GD, S450GD, S550GD

※其它牌号,请咨询新宇销售人员

### PRODUCTION LINE ADVANTAGES: 生产线优势

- 采用GE先进的全自动化电气控制系统，提供全自动化的生产线
- 电解脱脂刷洗工艺，保证镀层附着力
- 新日铁退火炉，保证稳定的产品性能
- 德国方登气刀、日本新日铁气刀，IMS在线镀层测厚仪  
保证锌层的均匀和稳定
- Fully automated production line powered by GE's advanced fully automatic electrical control system
- Electrolytic degreasing and scrubbing process to guarantees coating adhesion
- Nippon Steele & Sumikin annealing furnace guarantees stable product performance
- German FOEN air knife, Nippon Steel air knife, and IMS online coating thickness gauge, ensure the uniform and stable zinc layer

### AVAILABLE FOR COATING CUSTOMIZED ON DEMAND: 可供涂层-按需定制

- 无铬耐指纹、无铬钝化等环保涂层(已通过ROHS认证)
- 有铬耐指纹、有铬钝化、黄金色耐指纹的涂层
- Chrome-free anti-fingerprint and chrome-free passivation environmental protection coatings. (has passed ROHS certification)
- Chrome anti-fingerprint, chrome passivation, gold color anti-fingerprint coating

# » ZN-AL-MG SHEET 镀锌铝镁板

## MEDIUM-ALUMINUM ZN-AL-MG SHEET 中铝镀锌铝镁板

新宇中铝镀锌铝镁板，其合金镀层是采用锌、铝以及添加镁元素高温固化形成，其结构由锌、铝和MgZn<sub>2</sub>的致密三元共晶组织构成，从而使钢板表面形成一层致密的、有效防止腐蚀因子穿透的屏障，有着优异的耐化学品性能、耐红锈性能、剪切端面的自愈合防腐蚀性能以及焊接性能，大大延长了建筑物使用寿命。

The Medium-aluminum Zn-Al-Mg sheet from Xinyu, which alloy coating is formed by high-temperature solidification of zinc, aluminum, and added magnesium elements. Its structure is composed of a dense ternary eutectic structure of zinc, aluminum, and MgZn<sub>2</sub>, which forms a dense and effective barrier to prevent corrosion factors from penetrating the surface of the steel sheet. It has excellent chemical resistance, red rust resistance, self-healing corrosion resistance of shear end faces, and welding performance, greatly extending the service life of the building.

### PRODUCT CHARACTERISTICS: 产品特性

- ① 优异的抗腐蚀性能，耐碱性能
- ② 切口端具备自修复屏障，耐切口腐蚀力强
- ③ 加工性能好，具有优异的耐磨性和耐擦拭性
- ④ Excellent corrosion resistance and alkali resistance
- ⑤ The cutting end has a self-repairing performance and strong corrosion resistance
- ⑥ Good processing performance, excellent wear resistance and abrasion resistance

XINYU MEDIUM-ALUMINUM ZN-AL-MG SHEET SPEC	
厚度	0.25-2.5mm
宽度	700-1300mm
内径	508/610mm
卷重	≤25T
镀层重量	≤450g/m <sup>2</sup>
常规牌号	DC51D~DC52D, S250GD, S280GD, S300GD, S350GD, S420GD, S450GD, S550GD

※其它牌号，请咨询新宇销售人员

新宇镀锌铝镁板具有优异的耐蚀性，依据铝在镀层中所占的比例，将含有镁成分的镀层钢板分为中铝镀锌铝镁板和高铝镀锌镁板。

Xinyu Zn-Al-Mg sheets has excellent corrosion resistance. Based on the proportion of aluminum in the coating, coated steel sheets containing magnesium are divided into Medium aluminum Zn-Al-Mg sheet and High aluminum Al-Zn-Mg sheet.

# XINYU

## HIGH-ALUMINUM AL-ZN-MG SHEET 高铝镀锌铝镁板

新宇高铝镀锌铝镁板是在镀55%铝锌硅合金钢板基础上，进行升级而成的高铝铝镁镀层钢板，其镀层成分除传统的铝锌硅元素外，再添加2%的镁进行完美配比，镁元素的加入，增强了合金镀层活力。经元素共同作用，形成的MgZn<sub>2</sub>在切口和端面产生隔离保护层，形成的Mg<sub>2</sub>Si进一步加强了隔离式防护，产生1+1>2的聚合效果，为产品提供了坚韧的耐腐蚀“护盾”，同时使板材的硬度、耐损伤性能更强。

High-aluminum Al-Zn-Mg sheet from XINYU is a high-aluminum is upgraded on the basis of 55% aluminum-zinc-silicon alloy coating sheet. In addition to the traditional aluminum-zinc-silicon elements, the coating composition adds 2% magnesium for a perfect ratio. The addition of magnesium enhances the vitality of the alloy coating. Through the joint action of the elements, the MgZn<sub>2</sub> formed produces an isolation protective layer on the cut and surface, and the Mg<sub>2</sub>Si formed further strengthens the isolation protection, producing an effect of 1+1>2, providing a tough corrosion-resistant "shield" for the product, while making the hardness and damage resistance of the sheet stronger.

### PRODUCT CHARACTERISTICS: 产品特性

- ① 非凡的抗腐蚀性能，耐酸性能
- ② 平面位置耐蚀性优异
- ③ 出色的机械加工性及耐磨性
- ④ Extraordinary corrosion resistance, acid resistance
- ⑤ Excellent corrosion resistance on flat surfaces
- ⑥ Excellent machinability and wear resistance

XINYU HIGH-ALUMINUM AL-ZN-MG SHEET SPEC	
厚度	0.3-2.0mm
宽度	700-1300mm
内径	508/610mm
卷重	≤25T
镀层重量	≤200g/m <sup>2</sup>
常规牌号	DC51D~DC54D, S250GD, S280GD, S300GD, S350GD, S420GD, S450GD, S550GD

※其它牌号，请咨询新宇销售人员

# » PREPAINTED STEEL SHEET 彩涂板

新宇彩涂板是将镀层钢板(镀锌、镀铝锌、镀锌铝镁、不锈钢)进行表面化学处理,然后涂敷(辊涂)涂料,再经高温烘烤制成的产品。既有钢板的机械强度和易成型性,又有良好的装饰性和耐腐蚀性,涂层附着能力强,可长期保持色泽新颖。产品广泛应用于建筑、家电、家居、公共设施及交通运输等各个行业。

Xinyu prepainted steel sheet is a product made by chemical treatment on the surface of coated steel sheet(galvanized,Al-Zn coated,Zn-Al-Mg coated, stainless steel coated),painting(roller painting) and baking at high temperature. It has not only the mechanical strength and formability of the steel sheet, but also good decoration and corrosion resistance. The coating has strong adhesion and can keep the color novel for a long time. Products are widely used in construction, home appliances, public facilities, transportation and other industries.

XINYU PREPAINTED STEEL SHEET SPEC	
厚度 Thickness	0.16-1.6mm
宽度 Width	700-1300mm
内径 Inner Diameter	508/610mm
卷重 Coil Weight	≤10T
常规牌号 Regular Grade	TDC51D~TDC54D TS250GD, TS280GD TS300GD, TS350GD TS420GD, TS450GD TS550GD

※其它牌号,请咨询新宇销售人员

## PRODUCTION LINE ADVANTAGES: 生产线优势

- 拉矫机:有效改善板形
- 全自动涂机系统:精准控制漆膜厚,保证漆膜均匀性
- 全封闭系统:保证了板面的洁净
- RTO(蓄热式焚烧炉):节能并有效处理挥发性有机物,保护环境
- Tension leveling units:effectively improve the flatness
- Fully automatic coater system:precise control of film thickness to ensure film uniformity
- Fully closed system:guarantees clean surface
- RTO:Energy saving and effective treatment volatile organic compounds protecting the environment

## 彩涂板示意图

DIAGRAM OF PREPAINTED STEELESHET

精涂层(FINE COATING)	初涂层 (INITIAL LAYER)
镀层(COATING)	化学转化层(CHEMICAL CONVERSIO LAYER)
冷轧板(COLD ROLLED PLATE)	



## CONVENTIONAL COATING STRUCTURE TYPE: 常规涂层结构类型

2/1
上表面涂二次, 下表面涂一次, 烘烤二次 The top surface is painted twice, the bottom surface is painted once, and baking is twice.
2/2
上下表面各涂二次, 烘烤二次 Apply twice painting on the top and bottom, and bake twice.

## PRODUCT TYPE 产品类型

### CONVENTIONAL COLOR COATED SHEET 常规类彩涂板

聚酯彩涂板	硅改性聚酯彩涂板	高耐候聚酯彩涂板	特殊强化聚酯彩涂板	聚氨酯彩涂板	氟碳彩涂板
PE	SMP	HDP	SRP	PU	FEVE

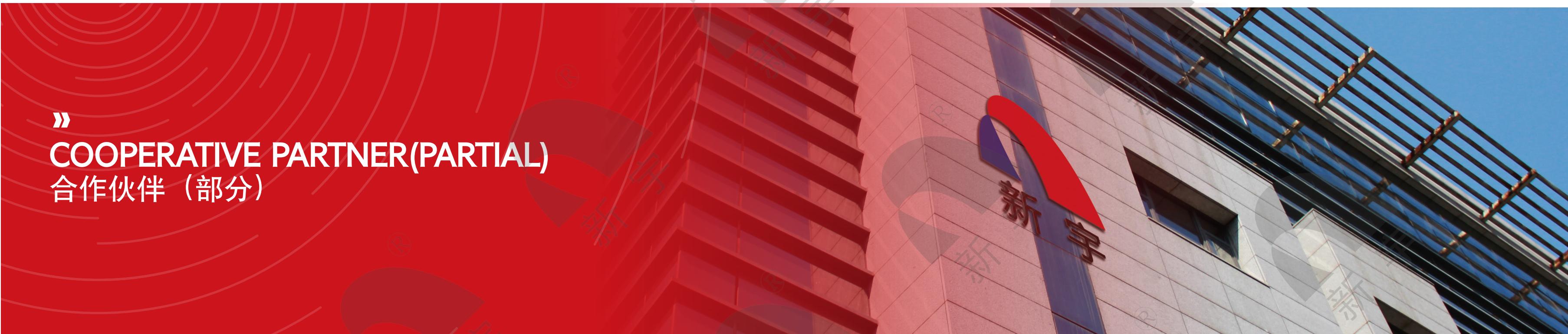
### FUNCTIONAL COLOR COATED SHEET 功能性彩涂板

○ 畜牧系列 Animal Husbandry Series	○ 隔热系列 Insulation Series
○ 自清洁系列 Self-cleaning Series	○ 抗静电系列 Antistatic Series
○ 抗菌系列 Antibacterial Series	○ 漫柔系列 Diffuse Reflection and Soft Series
○ 耐双氧水系列 Hydrogen Peroxide Resistant Series	○ 负离子系列 Negative Ion Series
○ 抗病毒系列 Antiviral Series	○ 抗刮系列 Anti-scratch Series
○ 局部涂敷系列 Zone Coated Series	

### SPECIAL SURFACE COLOR COATED SHEET 特殊表面彩涂板

○ 印花系列 Printing Series	○ 压花系列 Embossed series
○ 网纹系列 Textured Series	○ 绒面系列 Wrinkled Series
○ 彩石雕系列 Sculptural Print Series	○ 变色龙系列 Chameleon Series
○ 热覆膜系列 Thermal Lamination Series	

»  
**COOPERATIVE PARTNER(PARTIAL)**  
合作伙伴 (部分)



**TIANJIN XINYU**  
新宇彩板 装饰全球

Columbia 哥伦比亚

Brazil 巴西

Canada 加拿大

Russia 俄罗斯

China 中国

Australia 澳大利亚

Greece 希腊

South Africa 南非

Japan 日本

Thailand 泰国

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