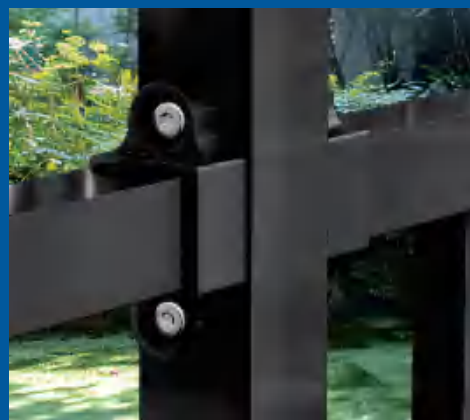


Spray guardrail



Guangdong Kinlong Hardware Products Co., Ltd.

No.3, Jian Lang Rd., Tangxia Town, Dongguan City, china.

T : 0086-769-82166666 82136666

F : 0086-769-82955240 82955241

E : mail@kinlong.com

H : www.kinlong.com

www.kinlong.com

STOCK CODE: 002791

Improve the human being's living conditions and make Kinlong the synonym for high-quality.

More than **900,000** ^{m²}
production area.

More than **60** subsidiaries.

More than **1000** sales offices both
in domestic and overseas .

More than **15,000** employees.

ESTABLISHING BENCHMARK AND PURSUING EXCELLENCE

Kinlong was established in 2003 and is a company engaged in design and research, manufacturing and sales of construction and building products. We are committed to provide high-quality products and services. After years of development, Kinlong has become a reputable brand in the construction industry.

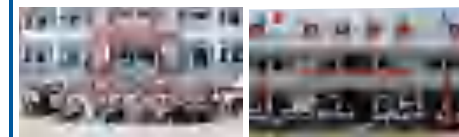
Kinlong industrial park has an area of more than 900,000 square meters and has an employment of more than 15000 staff. Kinlong owns more than 60 subsidiaries, and with over 1000 sales branches in the domestic and overseas markets. The company has more than 20,000 categories of products, which has been sold to more than 100 countries and areas. Kinlong, with it's sophisticated production management, provides customers with integrated solutions for different functional buildings.

Focusing on providing integrated construction and building accessories and diversified products, Kinlong continues to meet customer needs and market changes with the sales model of "R&D + manufacturing + service", and sets up its own marketing networks to directly provide customers with products and technical services. With years of precipitation and accumulation, Kinlong is at the forefront of the industry.

Over the years, Kinlong has been embracing the philosophy of "Unique value is created by professionalism, but no future shall be created by speculation". This has made Kinlong standing on the leading position in construction hardware market. Kinlong has provided products and services for many famous buildings around the world, and the landmark buildings of countless cities have become the pride and glory of Kinlong people.

To every designer, engineer and company committed in construction industry, Kinlong is always the most trustworthy and reliable partner.

Social Responsibility



For more than ten years, Kinlong has not forgotten to give back to the society while developing itself. By the end of 2024, more than 90 kinlong social charity schools have been donated and built in remote and backward areas.



INNOVATION AND ENTERPRISING INDUSTRY BENCHMARK

Kinlong is committed to driving progress through innovation. Our approach has earned us recognition and high praise from state departments, government units, and sectors.



ENTERPRISE REPRESENTATIVE HONOR

Second Prize in National Science and Technology Progress Award

First Prize in Huaxia Construction Science and Technology Award

Second Prize in Huaxia Construction Science and Technology Award

Special Prize in China Steel Structure Association Science and Technology Award

First Prize in China Steel Structure Association Science and Technology Award

Innovation Award in China Steel Structure Association Science and Technology Award

The most influential brand of Jinxuan Award in the construction door, window and curtain wall industry for four consecutive sessions;

2021 TOP500 Preferred Supplier of Comprehensive Strength of Chinese Real Estate Development Enterprises-Smart Community Service Category

National High-Tech Enterprise

.....

REPRESENTATIVE R&D INNOVATION HONOR

National Intellectual Property Demonstration Enterprise

Laboratory center approved by the National Accreditation Board

Guangdong Provincial Enterprise Technology

Center and Provincial Engineering Center

.....

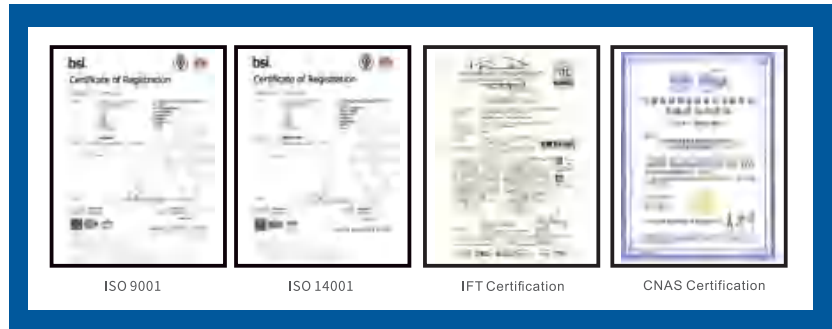
Kinlong adheres to the philosophy that Unique value can only be created by professionalism, speculation has no future. Our enterprise core value is to respect Respecting science; Striving for coexistence and all-win; Promoting constant innovation; Pursuing sincerity and trustworthiness. and we always insist making innovation, breaking through and making progress, increasing our capacity of research, by which we have obtained recognition and praise from government departments, units and all areas in the society and get many achievements. We pay great attention to the needs from our customers and the prospect of our industry, consistently pursuing perfect, good quality, excellent service and systematic solutions. Our quick and accurate ability of handing over are always leading the market.

Kinlong leads the market with good quality, excellent service, systematic solutions and fast and accurate delivery.

To Form a Full-chain Comprehensive Advantage

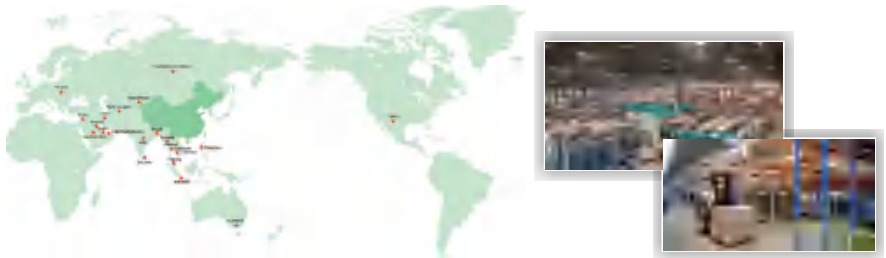


Quality Comes from Profession



Management system certificated by ISO9001,ISO14001 of BSI.Test Laboratory accredited by the China National Accreditation Service of Conformity Assessment(CNAS).

International Supply Chain to Guarantee Better and Better Service



Kinlong owned more than 1000 sales outlets at home and abroad, with a sales team of more than 5,000 staff to provide customers with rapid response. With more than 30 offices, 10 subsidiaries, 15 warehouses overseas market, and more will be set up.

More than **1000** patents, among
them **100** of invention patents.

Participate **200** industrial standards
compile.

CONTENT

Aluminium alloy guardrail

Zinc steel guardrail

Wall railing system

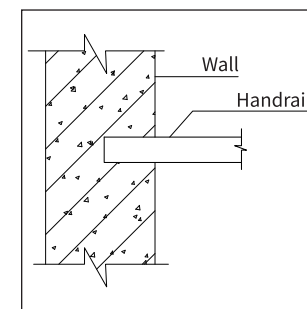
Air conditioning railing

Instructions

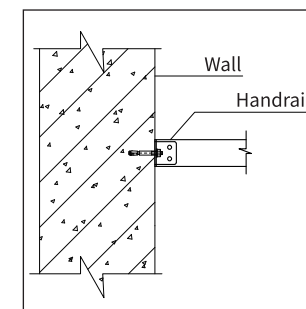
The coating guardrails are made from new galvanized steel and aluminum alloy materials. Their surfaces are treated to resist aging and corrosion, and the colors can be customized as desired. These guardrails are strong, durable, and visually appealing, with bright colors. They are commonly used for safety on balconies in pavilions, buildings, and villas. With a reasonable and elegant design, they also work well as decorative features. The products meet the JG/T 342 standard for "Glass and Metal Guardrails for Buildings" and use a modular structure without welding, making them easy to install.

- **Material:** Zinc-coated steel pipe and Aluminum alloy 6063
- **Installation Method:** No welding, Interlocked assembly.
- **Color Options:** White, Golden, Matte White, Matte Grey, High-light Blue, Gree, Black with silver, Matte black, High-light black, Golden wih black, and various other colors.
- **Common Specifications:**
 - Height 1000-1200mm (Adjustable based on site requirements)
 - Width 1000-1300mm (Column spacing)
 - Surface tube: Flat oval 40*80、Oval 40*80、Shaped 85*56
 - Column: 40*40
 - Cross bar: 32*32
 - Vertical bar: 19*19
 - Base plate: 80*80*4.0
 - Net distance between vertical rods: ≤110mm

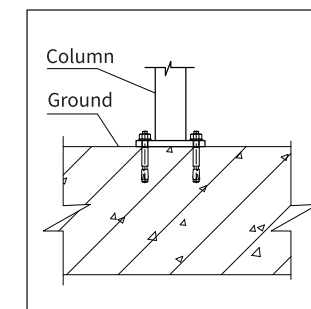
Installation method



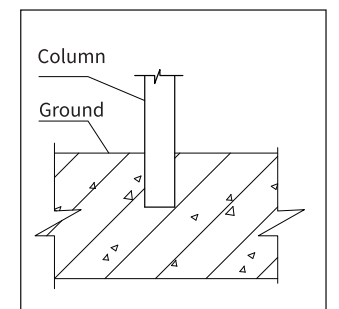
Handrail Wall Mount Fixing



Handrail Anchor Bolt Fixing



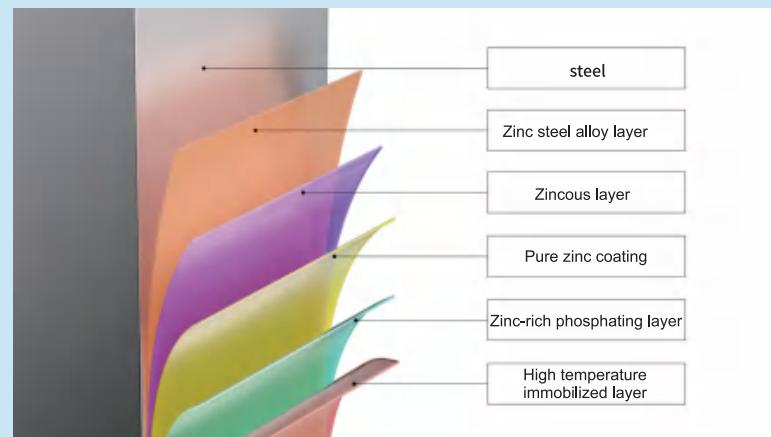
Column Anchor Bolt Fixing



Column Deep Burial Fixing

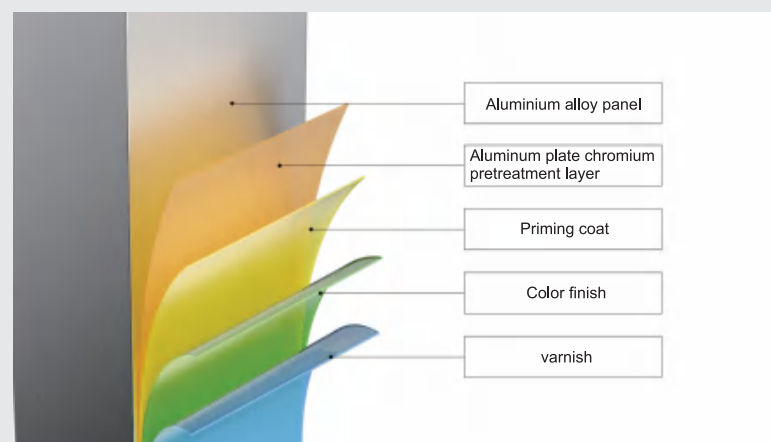
Product coating analysis

Zinc steel guardrail



- **Hot dip zinc:** Provides electrochemical protection, preventing rust on the steel substrate from the inside out.
- **Zinc-rich phosphating:** Improves the adhesion between the coating and the substrate.
- **Organic zinc-rich epoxy powder coating:** Provides long-term corrosion resistance and impact resistance.
- **Polyester color powder coating:** Offers UV stability, excellent corrosion resistance, and self-cleaning surface properties.

Aluminium alloy guardrail



- **Chromium pretreatment layer:** Improves the adhesion between the coating and the substrate.
- **Primer layer:** Enhances the coating's resistance to permeability and strengthens the adhesion between the topcoat and the metal surface.
- **Color finish layer:** Provides the desired color, protects the metal surface from environmental erosion, and prevents the penetration of ultraviolet rays, thereby enhancing resistance to aging.
- **Varnish layer:** The varnish layer effectively improves the resistance of the paint to external erosion, protects the topcoat, enhances the metallic luster of the color, and makes the appearance more distinctive.



Surface powder types: Conventional powder spraying, Outdoor fluorocarbon powder;

Powder brands: Aksu, Tiger, PPG, Da Bao and other well-known brand powders.



The product color can be customized according to customer requirements.

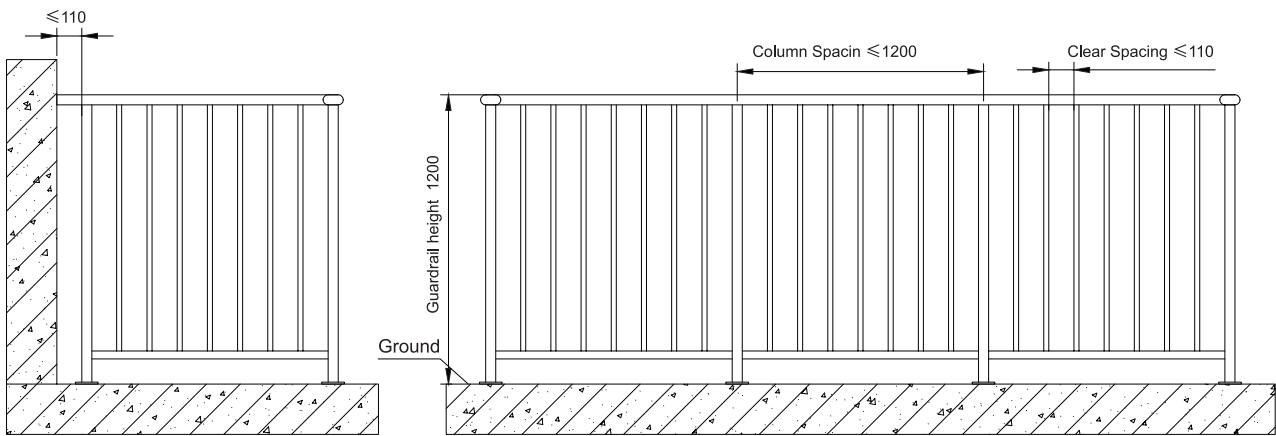


Colors can also be selected based on RAL (Ra ú l color code)

Aluminium alloy guardrail HZGL01



Engineering analysis drawing



Technical parameter

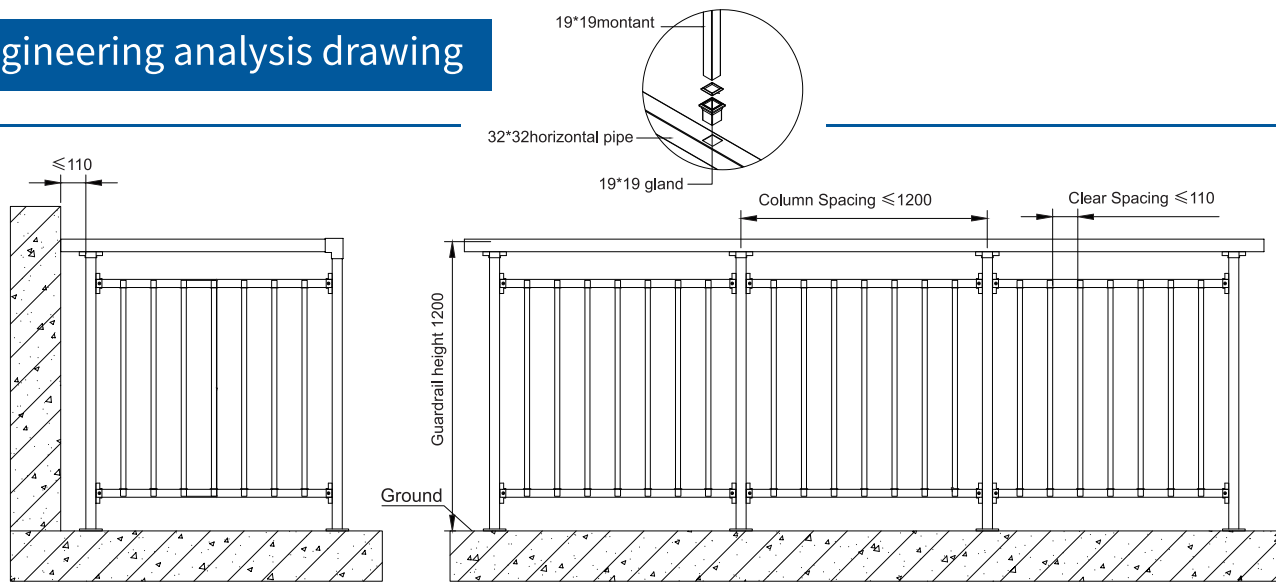
Name	Specification	Shape	Name	Specification	Shape
Pipe handrail	40*80*2.0		Angle tee	40*80*40	
Upright	40*40*2.0		Angle tee	40*80	
Cross bar	32*32*1.5		Base plate	80*80*4.0	
Vertical bar	19*19*1.2		Decorative cover	40*40	



Aluminium alloy guardrail HZGL02

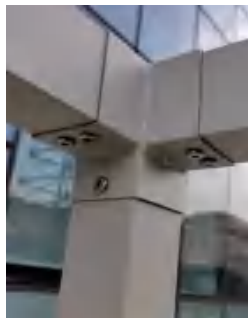


Engineering analysis drawing



Technical parameter

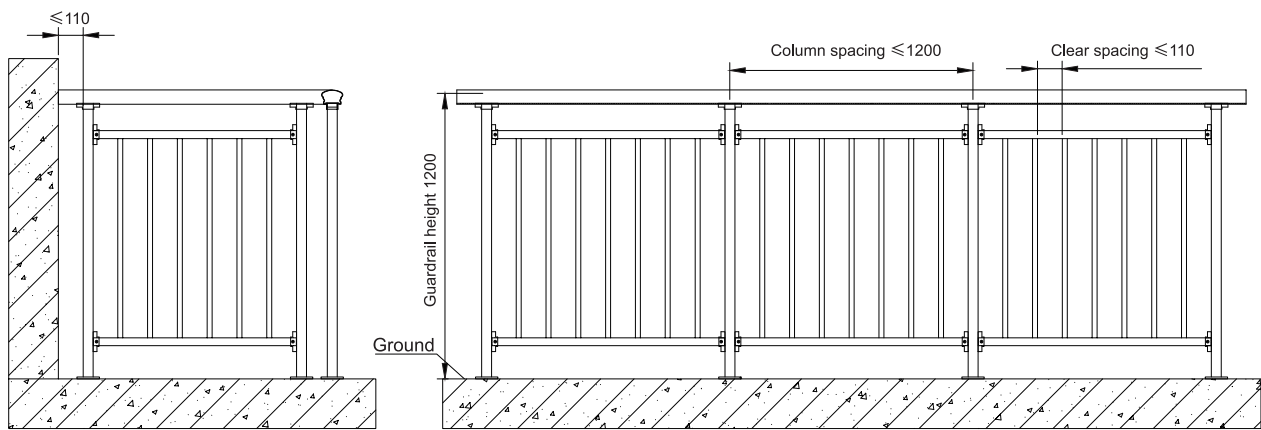
Name	Specification	Shape	Name	Specification	Shape
Pipe handrail	40*80*2.0		Angle tee	40*40*40	
Upright	40*40*2.0		Angle tee	40*40	
Cross bar	32*32*1.5		Decorative cover/ Base plate	40*40/80*80*4.0	
Vertical bar	19*19*1.2		Fixed seat	40*40	
Waterproof jacket	19*19		Fixed seat	32*32	



Aluminium alloy guardrail HZGL03

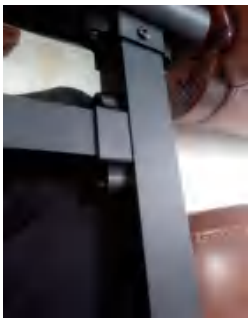


Engineering analysis drawing



Technical parameter

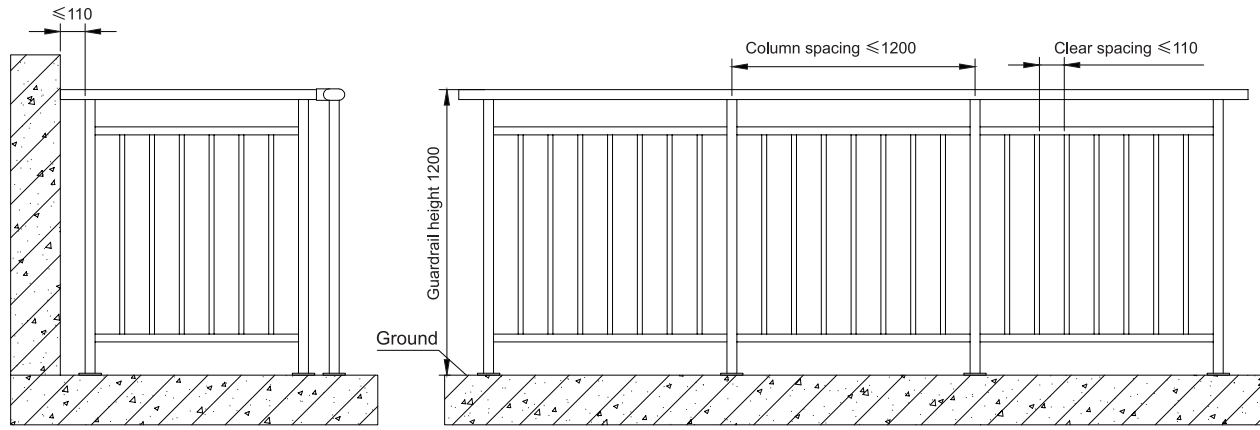
Name	Specification	Shape	Name	Specification	Shape
Pipe handrail	85*56*2.0		Angle tee	40*40	
Upright	40*40*2.0		Decorative cover/ Base plate	40*40/80*80*4.0	
Cross bar	32*32*1.5		Fixed seat	40*40	
Vertical bar	19*19*1.2		Fixed seat	32*32	



Aluminium alloy guardrail HZGL04



Engineering analysis drawing



Technical parameter

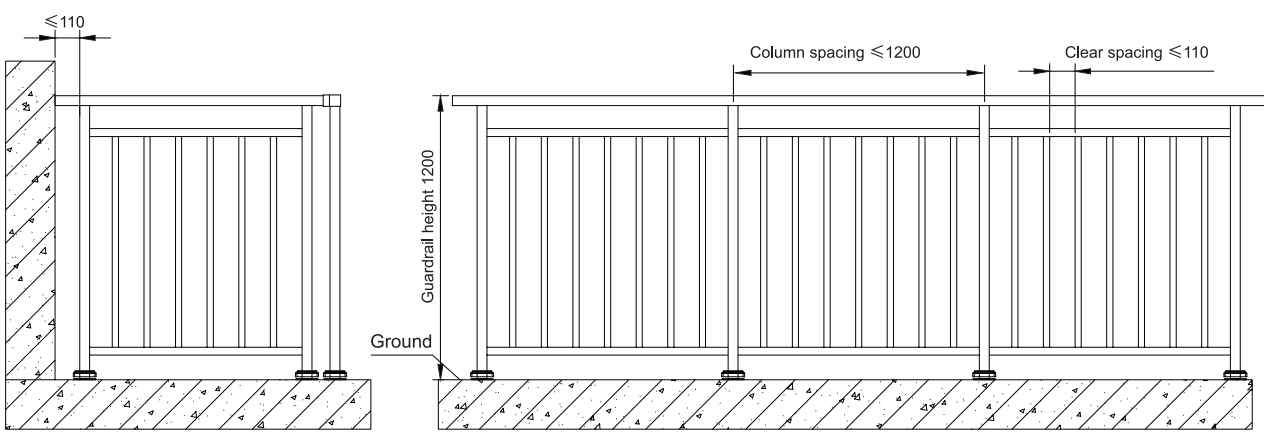
Name	Specification	Shape	Name	Specification	Shape
Pipe handrail	40*80*2.0		Angle tee	40*80	
Upright	40*40*2.0		Drilling screw	M6*19	
Cross bar	32*32*1.5		Decorative cover	40*40	
Vertical bar	19*19*1.2		Base plate	80*80*4.0	



Aluminium alloy guardrail HZGX01



Engineering analysis drawing



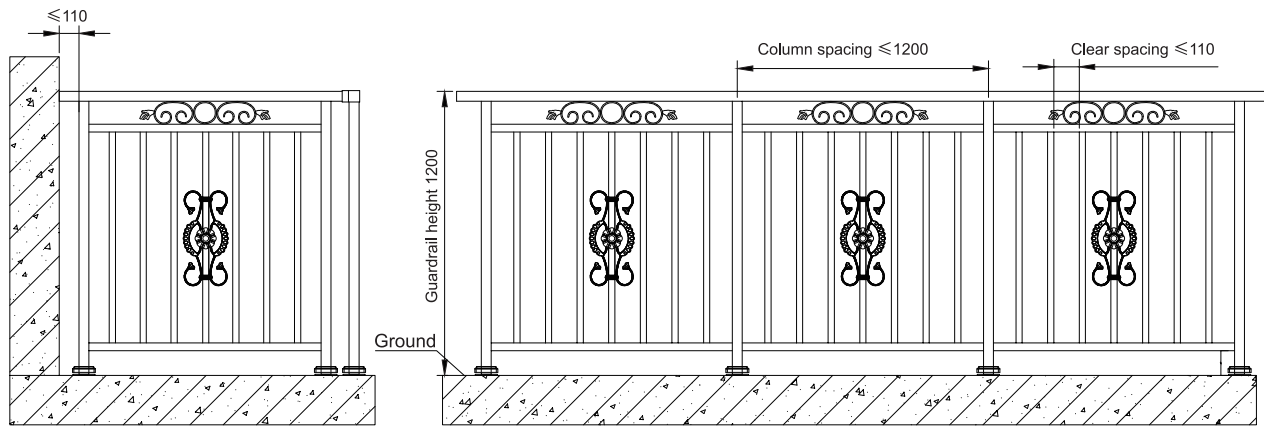
Technical parameter

Name	Specification	Shape	Name	Specification	Shape
Pipe handrail	40*40*1.5		Vertical bar	19*19*1.2	
Upright	40*40*1.5		Angle tee	40*40	
Cross bar	32*32*1.2		Decorative cover/ Base plate	40*40/80*80*4.0	

Aluminium alloy guardrail HZGX02

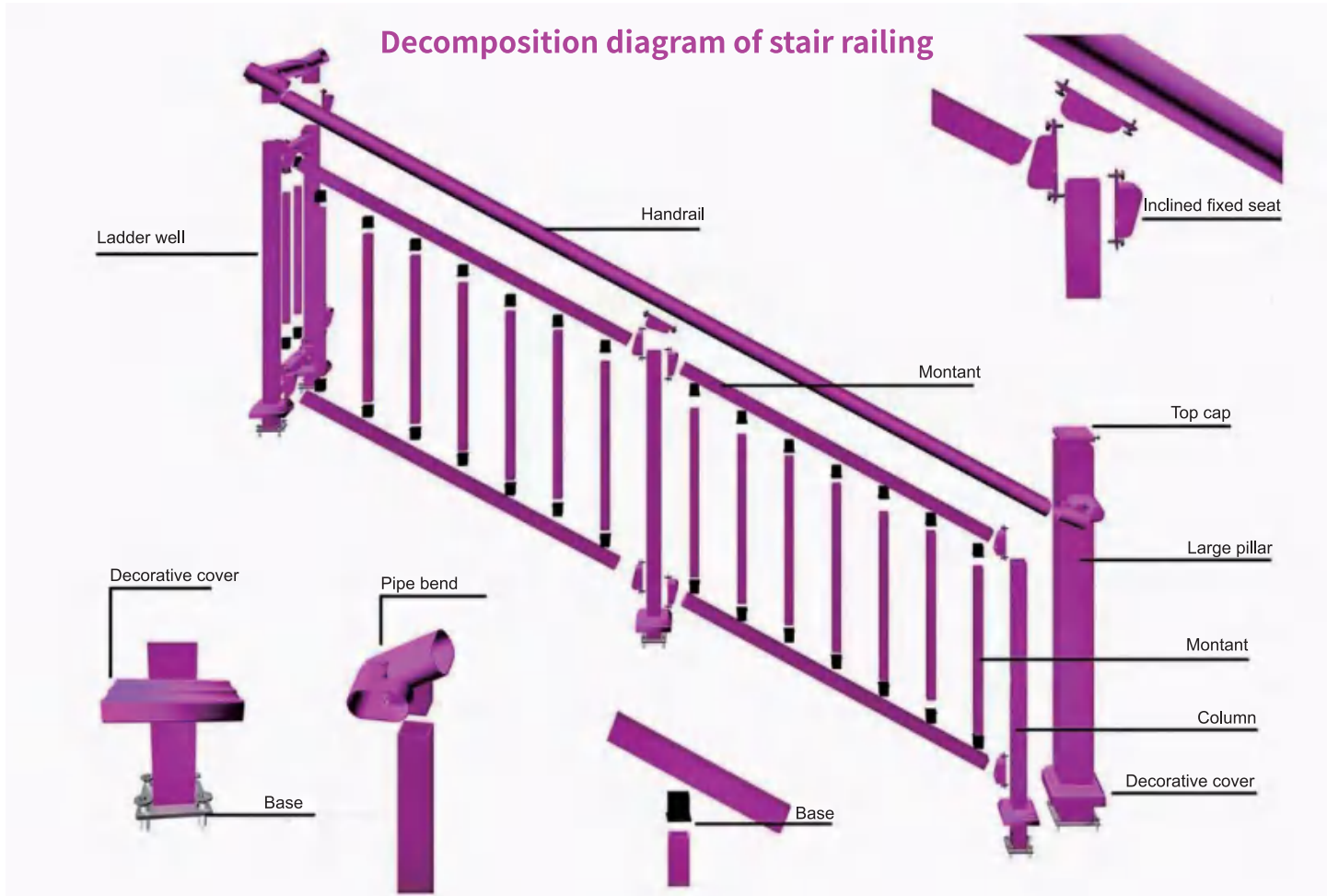


Engineering analysis drawing



Technical parameter

Name	Specification	Shape	Name	Specification	Shape
Pipe handrail	40*40*1.5		Vertical bar	19*19*1.2	
Upright	40*40*1.5		Angle tee	40*40	
Cross bar	32*32*1.2		Decorative cover/ Base plate	40*40/80*80*4.0	



The wall railing system: Features vertical rods designed in a squished gunhead style, combining aesthetic appeal with anti-theft functionality. The three middle horizontal rods are added to reinforce the overall structure. The entire unit is supplied as a complete welded set. The wall connection is available in two options: a horizontal tube embedded in the wall or screw-fixed, providing customers with more choices and flexibility to adjust the installation method based on the specific site conditions.

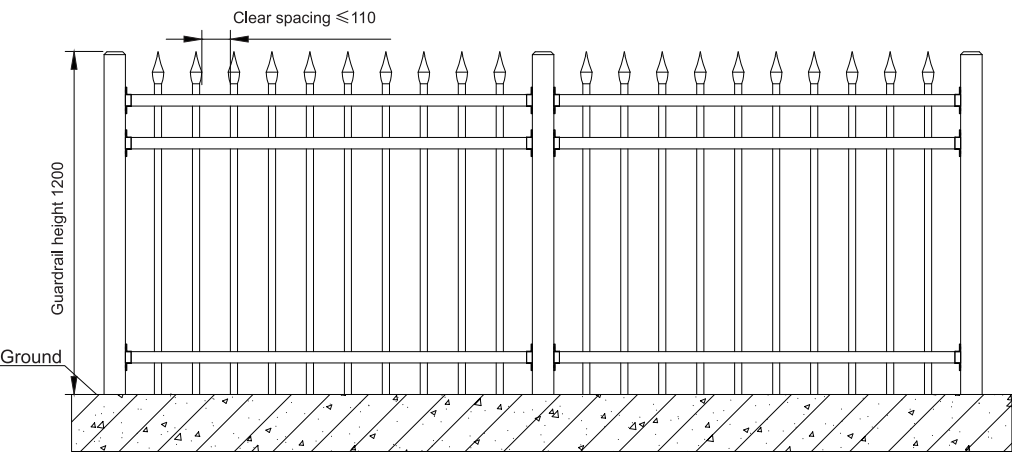


The aluminum alloy air conditioning railing system: Combines horizontal and vertical rods. The vertical rods use large specifications to ensure overall safety, while the cross rods feature smaller diameter rods to meet protection requirements while reducing costs. The system is supplied in units for easy on-site splicing installation, making it simple and convenient to assemble.

Wall railing system HZWL01



Engineering analysis drawing



Technical parameter

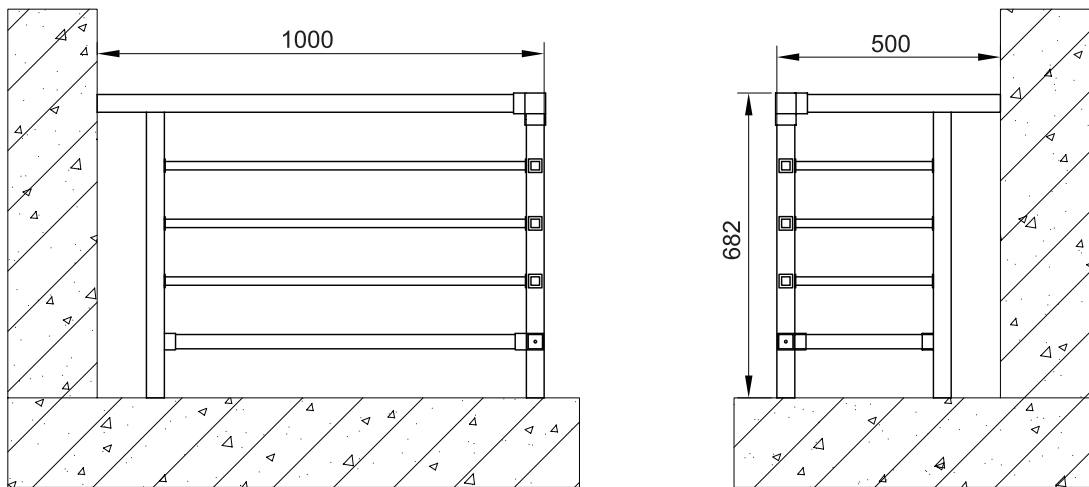
Name	Specification	Shape
Upright	80*80*2.0	
Cross bar	40*40*1.5	
Vertical bar	25*25*1.2	
Fixed seat	40*40	

Material: Aluminum alloy
Height (m): 1.2、1.5、1.8、2.2、2.5
Surface treatment: Powder coating
Availability: Complete welding delivery

Air conditioning railing HZKL01



Engineering analysis drawing



Technical parameter

Name	Specification	Shape	Name	Specification	Shape
Pipe handrail	40*40*1.5		Angle tee	40*40*40	
Upright	40*40*1.5		Decorative cover	40*40	
Cross bar	32*32*1.2		Fixed seat	32*32	
Cross bar	19*19*1.0		Waterproof jacket	19*19	



