



Shandong Shinlong Intelligent Manufacturing Co.,Ltd

# Product Catalog

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Infrastructure & Industrial  
Construction Products



Shandong Shinlong Intelligent  
Manufacturing Co.,Ltd

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## 1.Cable Bracket



SHINLONG cable brackets include power and communication types, featuring dual protection with hot-dip galvanizing and spray coating, welded by robots, precision-punched, and finished on electrostatic spraying lines. Our offer strong adhesion, high installation accuracy, extreme corrosion resistance, and ultra-long service life, exceeding 100 years outdoors and passing 6000-hour salt spray tests for harsh environments.



## 2.Embedded Channel



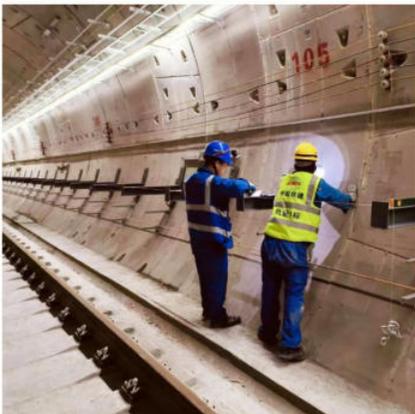
Our pre-embedded channels use hot-dip galvanizing, multi-element sealing, continuous-rolled high-performance profiles, CNC bending, and rotary anchoring. Semi-finished channels receive multi-level surface treatment, boosting wear resistance 1.2× and corrosion resistance 1.5×. Anti-corrosion powder passes 6000-hour salt spray tests, ensuring over 100 years durability, exceeding European standards for rail and building applications.



### 3.T-Section Steel Bracket



SHINLONG, in collaboration with Chinese universities, the Anti-Corrosion Industry Association, and American Energy Corporation, developed a new T-section steel bracket for subway evacuation platforms. It maintains mechanical strength for 1.5 hours at 900°C, enhancing fire safety, and offers improved moisture resistance, corrosion resistance, and electrical insulation, extending service life by over 10 years. Brackets include cable, pipe, anti-seismic, wall-mounted, and heavy-duty types.



## 4.Cable Protection Tube



Cable protection conduits safeguard cables from mechanical damage, corrosion, moisture, and environmental impacts, while enabling standardized laying and easy maintenance. SHINLONG MPP/PE pipes use flame-retardant thermoplastic particles, offering high temperature and pressure resistance, suitable for 10KV+ high-voltage power cables.

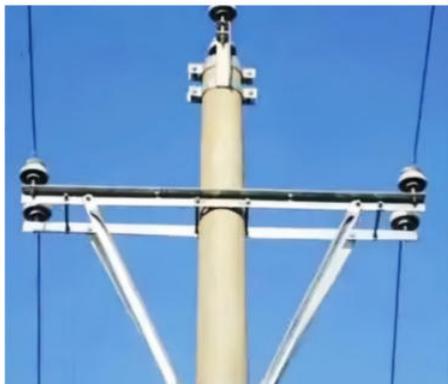
## 5.Concrete Electric Pole and Pole Fittings



Concrete utility poles (prestressed and non-prestressed) offer high strength, durability, moderate cost, non-conductivity, and strong wind resistance, suitable for high-voltage lines in suburban and rural areas, requiring mechanical hoisting due to their weight. SHINLONG poles provide reliable strength and wind resistance, widely used in major power projects, earning customer trust and stable supply.



**Single Cross Arm**



**Double Cross Arm**

The power line cross arm is a horizontal angle steel component installed on utility poles or towers to support insulators, conductors, and lightning wires while ensuring safe clearance. The pole hoop is a key fitting used to secure components on transmission lines, typically made of flat or round steel, bolted in place, and hot-dip galvanized carbon steel or stainless steel for corrosion resistance.



**Two/Four Line Cross Arm**



**Lifting Cross Arm**



**Pole Hoop**

## 6. Concrete Piles

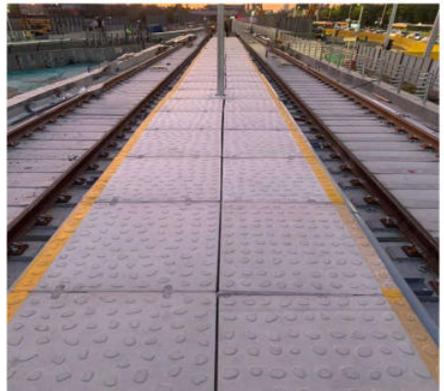


Concrete piles, cylindrical or square components made from ordinary, reinforced, or prestressed concrete, are formed by pouring, centrifugal molding, and curing. They transfer loads from structures to deep stable soil or bedrock, enhancing foundation stability for buildings, roads, and bridges. Key features: high load-bearing capacity with strong compressive and bending resistance, durable and moisture/corrosion/erosion-resistant with 30-70 years service life, adaptable to various soils and projects, and cost-effective with mature construction methods.

## 7.RPC Evacuation Platform



SHINLONG, in cooperation with China National Building Materials Research Institute, uses advanced technology to produce FRC evacuation platforms with lightweight, high strength, and ultra-durability for subways, tunnels, and high-speed rail. With frost resistance over three times the national standard, compressive strength above 120 MPa, and durability exceeding 60 years, it replaces traditional RPC concrete as a specialized, advanced solution for rail transit operation and maintenance.



## 8.Noise Barrier



SHINLONG metal noise barriers are hot-dip galvanized and coated with UV-resistant multi-component powder, offering strong sound insulation (35 dB+) and absorption (coefficient >0.84). They are fireproof, heat- and UV-resistant, durable for 70 years, and available in various colors and shapes to blend with surroundings.



# Shinlong Intelligent Manufacturing, Serving Customers Worldwide

**Get in Touch**

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