



**ERTAL**  
— METAL

# PRODUCT CATALOGUE

[www.ertalmetal.com](http://www.ertalmetal.com)



# ERTAL METAL

## A Trusted Name in Global Steel Trading

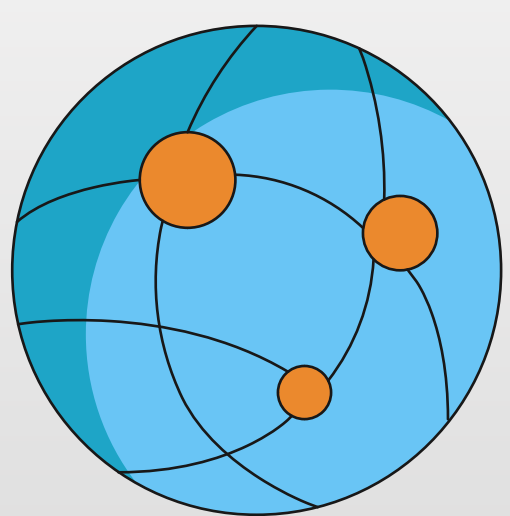
Headquartered in **Istanbul**, Ertal Metal is founded upon the extensive expertise of a team of highly qualified professionals contributing over **30 years of experience** in international steel trading. The company is dedicated to supply various iron and steel products with high quality at competitive prices supported by customized financial solutions and worldwide global logistics. Ertal Metal has global presence in 5 continents above **25 countries** including Far East, Europe, CIS Region, Middle East, Africa and South America.

### Global Supply - Local Expertise

As an international steel trading company, Ertal Metal integrates global proficiency with strong local market insight. Long years of experience in steel markets enable the sourcing of right material while delivering tailored solutions aligned with the specific requirements of its clients.

### Rigorous Quality Assurance

All orders are subjected to **comprehensive inspection protocols**. Dedicated teams across global operations meticulously supervise production and loading processes to ensure full compliance with the company's stringent quality standards.



### Wide Sourcing Network

Mills, steel service centers and stockholders all over the world.



### Logistics & Delivery

Access to a broad network of mills and stockholders, helping you secure material even in tight markets.



### Financial Solutions

Tailored financing options to support your high-volume and long-term projects.



### Quality Inspection

Order-specific inspections and documentation before dispatch, ensuring you receive exactly what you need



### Customer Support

Responsive sales and technical support, ready to assist from enquiry to after-sales.

# HOT ROLLED COILS

Hot Rolled Coils are flat steel coils produced on hot strip mills and delivered in standard commercial and structural grades.

They cover thicknesses from approx. 0.90 to 25.0 mm and widths up to about 2,000 mm, enabling use in tube and hollow sections, steel structures and general fabrication.



## ■ TYPICAL APPLICATIONS

- Tubes, hollow sections and open profiles.
- Structural components and general fabrication.
- Raw material for re-rolling process

## ■ PRODUCT RANGE

- Thickness: 0.90 - 25mm
- Width: Up to 2000mm
- Coil Weight: Up to 30t

## ■ STANDARDS & GRADES

- EN structural grades such as S235JR, S275JR, S355JR.
- Other EN/JIS/ASTM grades on request

# COLD ROLLED COILS

Cold Rolled Coils are produced by cold reduction of hot rolled steel, followed by annealing and temper rolling, to achieve lower thickness and a smooth, clean surface.

They are available in commercial and special grades according to **EN**, **ASTM** and **JIS** standards, designed for formability, deep drawability or higher strength as required by the end use.



## ■ TYPICAL APPLICATIONS

- Base material for galvanized and other coated products
- White goods, radiator panels, furniture, home appliances and general sheet metal parts
- Formed and deep-drawn components in construction and automotive-related production.

## ■ PRODUCT RANGE

- Thickness: 0.10- 3.00 mm
- Width: 8 - 1500 mm
- Coil Weight: Up to 12 tons
- Inner Diameter:  
200-300-400-508 or 610mm

## ■ STANDARDS & GRADES

- Standards: EN, ASTM, JIS
- commercial and special grades.
- Typical qualities:
- commercial quality, deep drawing quality, enamelling and full hard grades.

# HOT DIPPED GALVANIZED COILS

Hot Dipped Galvanized Coils are produced by coating cold rolled or hot rolled pickled steel with a continuous layer of zinc in a hot dip process.

The zinc coating provides significant protection against corrosion, making these coils suitable for long-life components in construction and general industry.



Galvanized Strips



Drywall Profile



Galvanized Corrugated Sheets



Galvanized Sheets

## ■ TYPICAL APPLICATIONS

- Roofing, cladding and rainwater systems for buildings.
- Profiles, light structural members and framing components.
- HVAC ducts, cable trays and general fabricated parts.
- Base material for painted / organic-coated steel.

## ■ PRODUCT RANGE

- Thickness: 0.10- 6.00 mm
- Width: 8 - 2000 mm
- Coil Weight: Up to 30 tons
- Inner Diameter:
  - 200-300-400-508 or 610 mm
- Zinc Coating: Z30-Z600

## 📍 STANDARDS & GRADES

- Standards: EN, ASTM and JIS steel grades
- Grades: Commercial and structural grades with hardness range DX57D+Z to DP1000 / HCT980X grade

# ZAM

Zinc-Aluminium-Magnesium coated coils for demanding environments. Designed for long-life structural and solar applications.

Zinc Aluminium Magnesium (ZAM) coatings are alloy zinc coatings containing **Al** and **Mg**, applied to steel strip by continuous hot-dip galvanising. The alloy layer forms fine, dense corrosion products that significantly slow down rust formation compared to conventional galvanized coatings, especially at cut edges and deformed zones.

Zinc Magnesium is also used as base material for color coated coils for better corrosion resistance

## ZAM COILS

ZAM coils combine high corrosion resistance, good formability and competitive weight for structures exposed to outdoor and aggressive atmospheres.

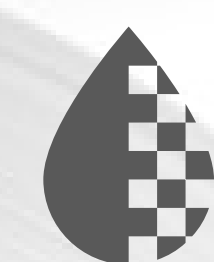
They are widely used as base material for roll-formed profiles, solar mounting systems and other long-span structural members where long service life is critical.

### STANDARDS & GRADES

- Grade: DX51D-S280GD-S320GD-S350GD-S450GD-S550GD
- Coating: ZM/ZAM 80 - ZM/ZAM 600

## ZINC MAGNESIUM

Zinc-Magnesium coated steel uses a zinc layer with added magnesium for improved corrosion and edge protection. It slows red rust versus conventional galvanizing while maintaining good formability for roll-formed profiles and mounting structures.



*High Corrosion Resistance*



*Excellent Deformed Zone Corrosion Resistance*



*High Chemical Resistance*



*Excellent Paintability*

# PREPAINTED STEEL COILS

Colour-coated steel for roofing, façades and industrial cladding.

Prepainted steel coils combine a robust steel core with advanced metallic and organic coatings to deliver long-lasting protection and colour stability. Designed for profiling, bending and cutting operations, they help fabricators produce clean, accurate panels with minimal rework.

## Base Materials

- ✓ Zinc
- ✓ Aluzinc
- ✓ Zinc Magnesium



Using the supplied colour sample, prepainted coils can be produced in RAL-matched colours on request.

## ■ TYPICAL APPLICATIONS

- Roofing, façades, wall cladding, gutters and flashings for residential, commercial and industrial buildings.
- Sandwich panels, garage and industrial doors, ceiling systems and light structural elements.

## ■ PRODUCT RANGE

- Thickness: 0.12 - 1.50 mm
  - Width: 8 - 1500 mm
- Zinc Metallic coating Range:
- Z30-Z275 AZ30-AZ185
  - ZAM/ZM40 - ZAM/ZM210

## 📍 STANDARDS & GRADES

- Standards: coil-coated products according to EN, ASTM and ISO norms for prepainted steel and PPGI/PPGL coils (e.g. ASTM A755 for prepainted galvanized).
- Coating systems:
- polyester (PE), high-durability / SMP or PVDF paint systems selected to match UV and corrosion requirements.

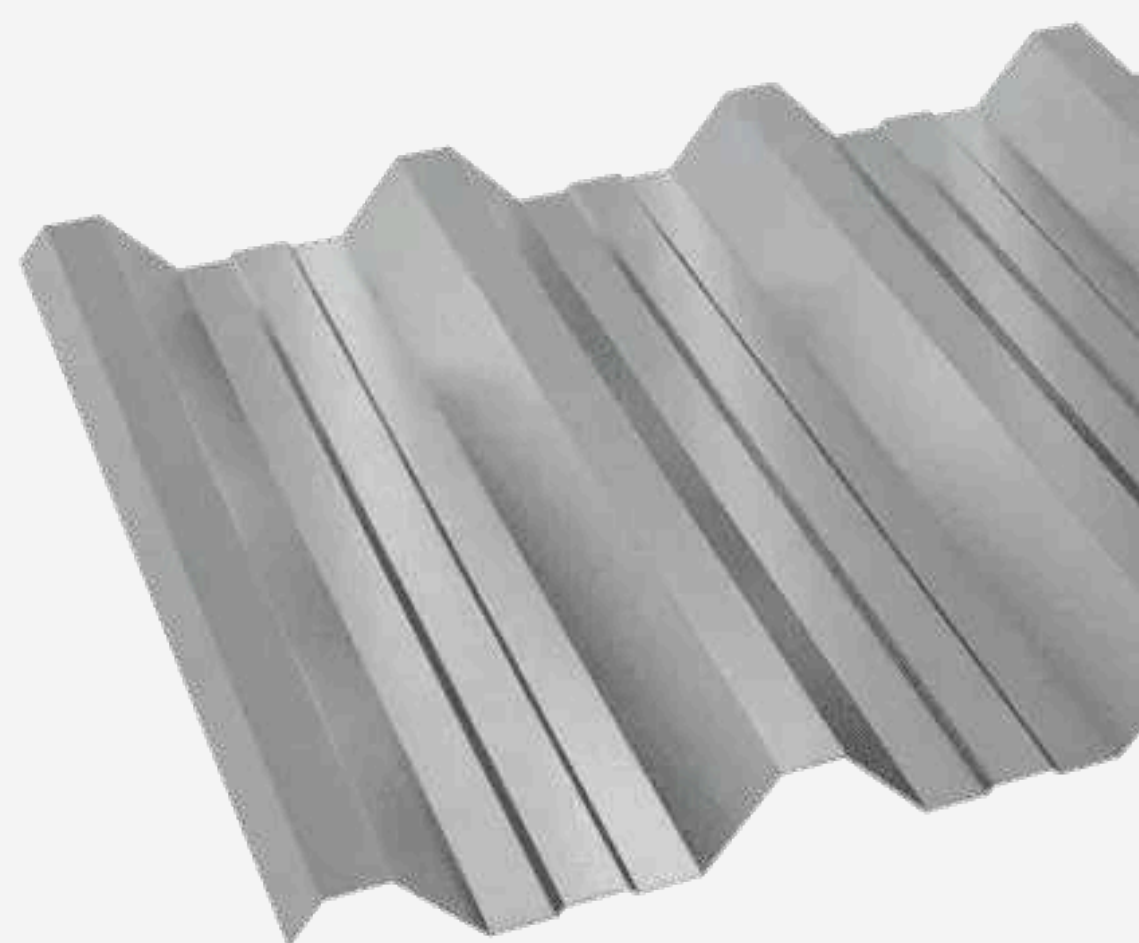
# PREPAINTED ROOFING SHEETS

Prepainted roofing sheets for durable, low-maintenance roofs. Suitable for residential, commercial and industrial buildings.

Prepainted roofing sheets use colour-coated steel with profiles optimised for weather-tight, lightweight roof systems.

They offer **long-term resistance** to corrosion, UV and abrasion, while providing consistent colour and appearance across large roof areas.

Typical applications include factories, warehouses, agricultural buildings and metal roof tile systems.



Trapezoidal sheets



Stone coated sheets



Metal tiles



Metal shingles



Gutters



Metal fences

# LONG PRODUCTS

Long steel products for construction, fabrication and infrastructure. Supplied in a wide range of bars, profiles and hollow sections.

Long products include **reinforcing bars, merchant bars, structural profiles and hollow sections** used in concrete reinforcement and steel structures.

They are suitable for welding, cutting and forming operations in building, industrial and civil engineering works.

## Reinforcement Bars (Plain/Deformed)

Reinforcement bars carry tensile forces in reinforced concrete elements.

Delivered in standard diameters and grades in straight lengths or bundles.



## Wire Rods

Wire rods are supplied as low to medium carbon steel in coils, suitable for further drawing, cold heading and forming operations.

They are used as feedstock for fasteners, wire products, springs and welded mesh in construction and general engineering.



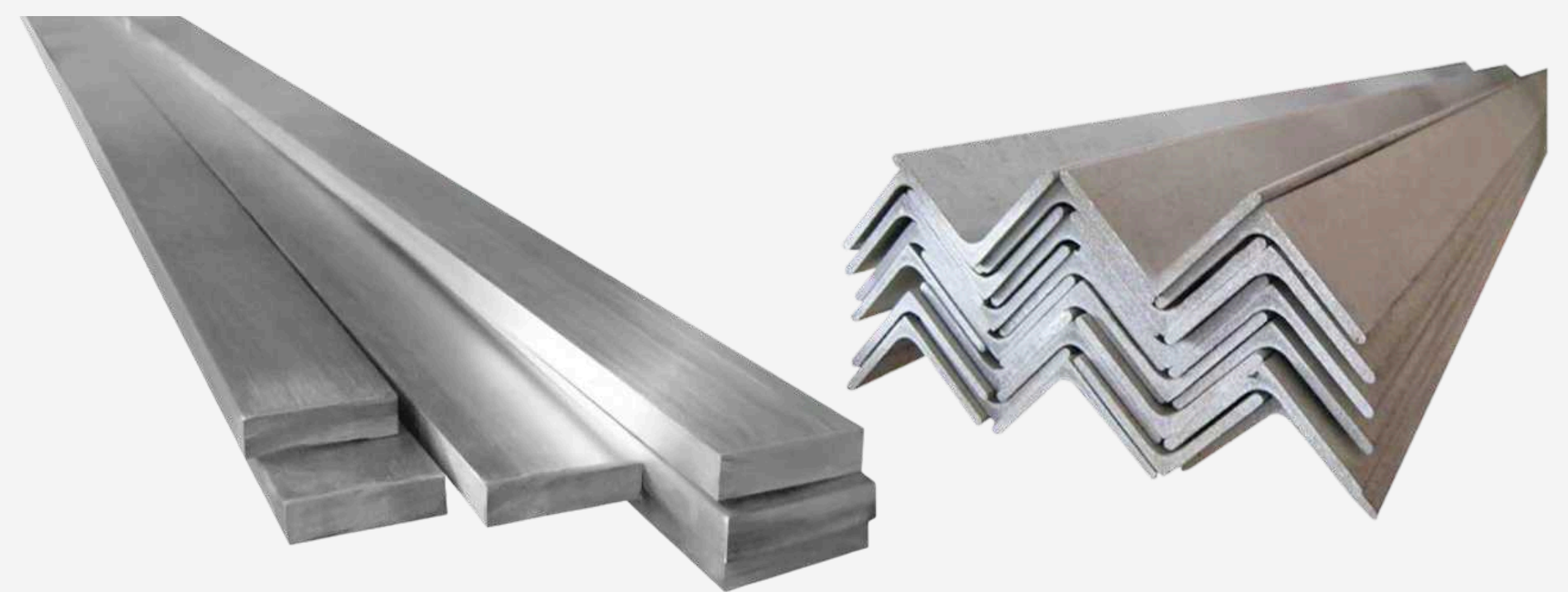
# LONG PRODUCTS

Long steel products for construction, fabrication and infrastructure. Supplied in a wide range of bars, profiles and hollow sections.

## Merchant Bars

Merchant bars include flats, rounds, squares, angles and channels.

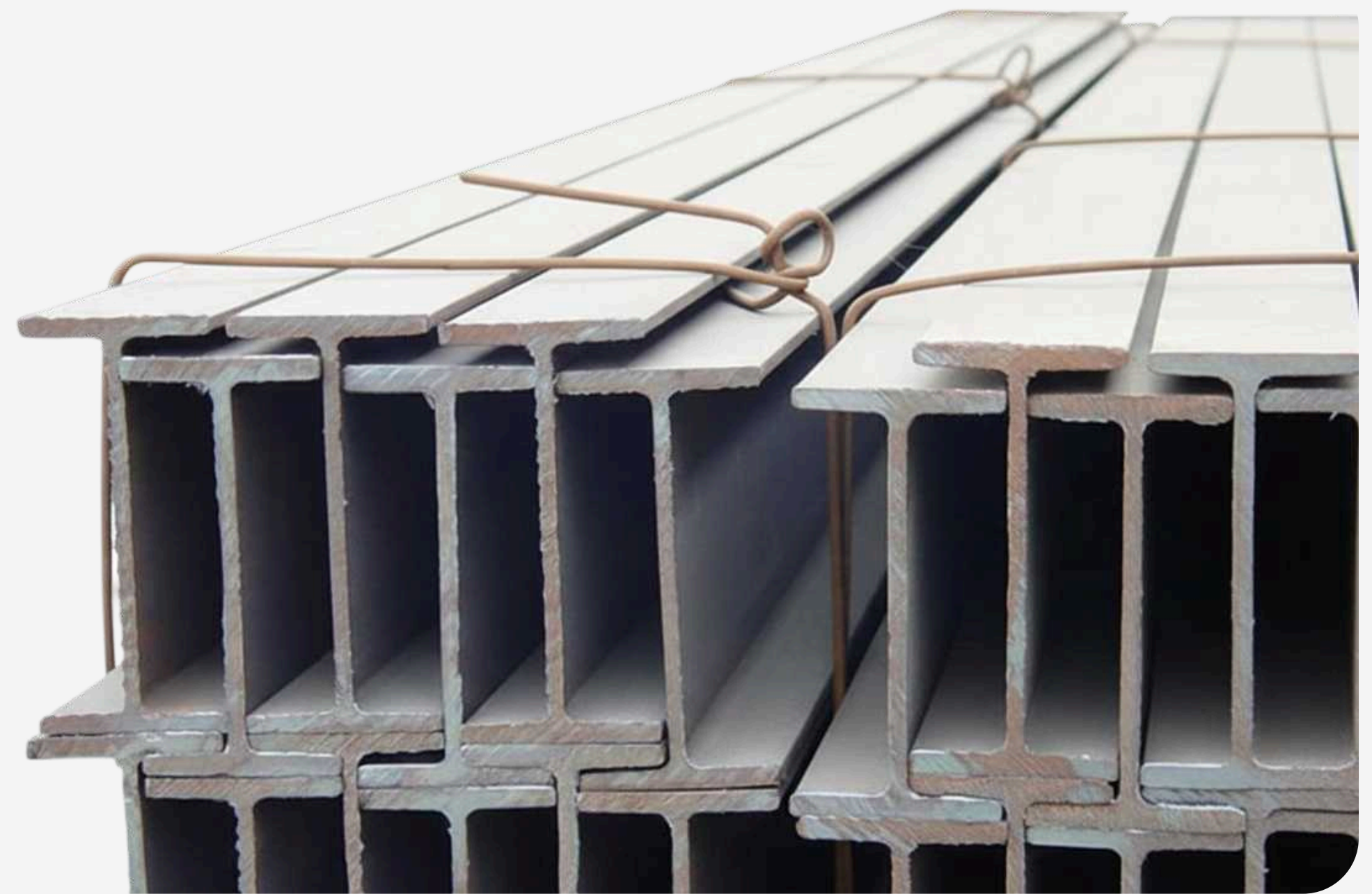
Used for general fabrication such as frames, supports and handrails.



## Profiles

Profiles such as I-beams and channels act as main structural members.

They provide strength and stiffness for beams, columns and trusses.



## Hollow Sections & Pipes

Hollow sections and pipes are tubular steel products in circular, square and rectangular forms.

They provide high strength-to-weight performance for frames, columns, trusses and other fabricated structures.



# ALUMINIUM COILS

Aluminium coils for lightweight, corrosion-resistant sheet and profiles. Used in roofing, cladding and general industrial applications.

Aluminium coils provide low weight, good formability and natural corrosion resistance for building and industrial components. They are typically processed into roofing and façade sheets, gutters, insulation cladding and various formed parts where long service life is required.



## Prepainted Aluminium Coils

Prepainted aluminium coils combine an aluminium substrate with durable coil-coated finishes for colour-stable façades and roofing.

They are suited for building envelopes, curtain walls, shading elements, roller shutters and other architectural profiles.

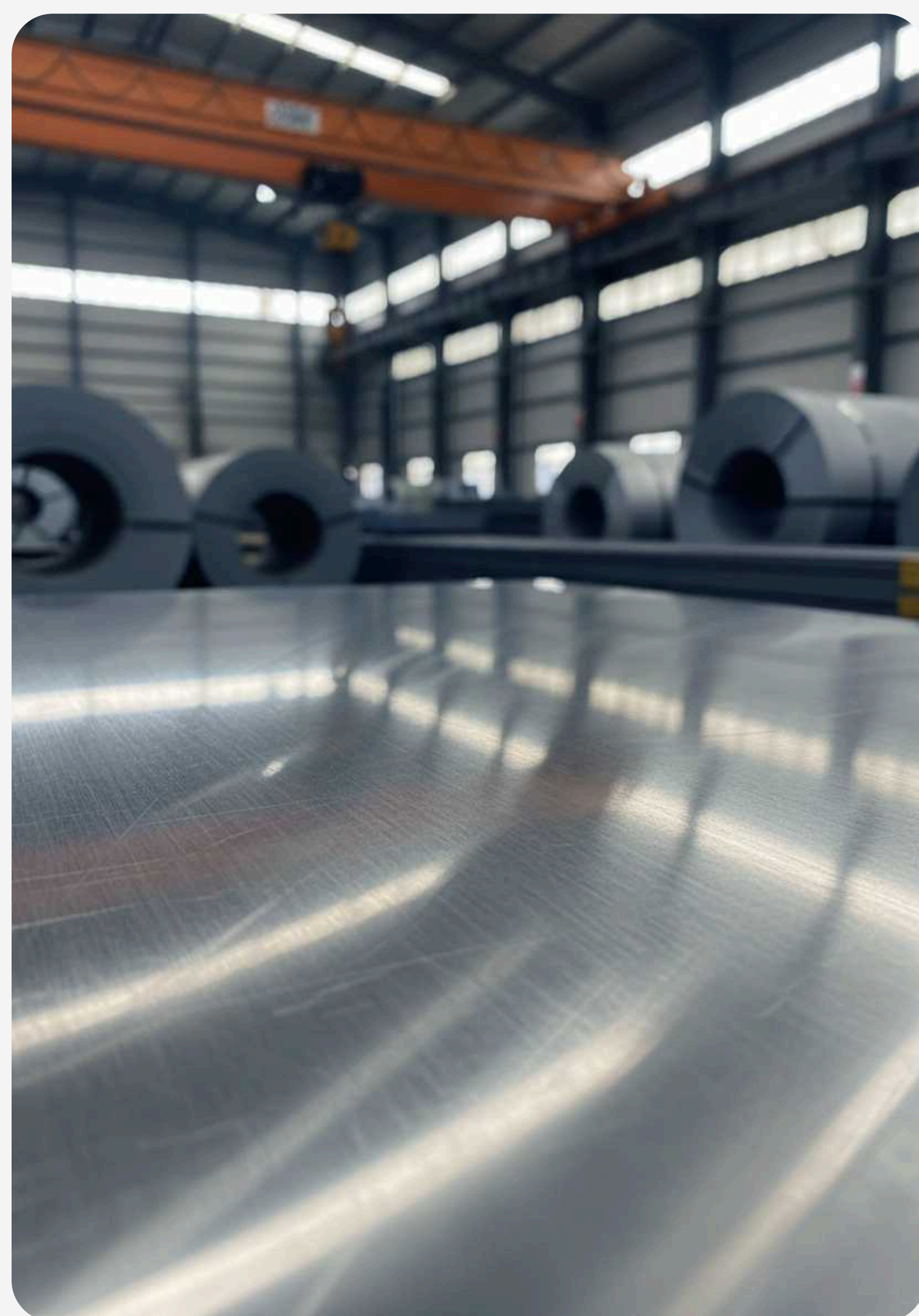


# STAINLESS STEEL

Stainless steel coils and sheets for corrosion-resistant components. Used in construction, food, chemical and industrial equipment.

**Stainless steel** combines strength, durability and corrosion resistance for demanding environments.

Typical uses include tanks, cladding, process equipment, hygiene-critical surfaces and mechanically formed parts across construction, food processing, chemical, energy and marine sectors.



## ■ TYPICAL APPLICATIONS

- Process equipment, tanks, ducting and cladding in food, beverage and pharmaceutical plants.
- Components for chemical, energy and marine industries requiring corrosion resistance.
- Architectural and fabricated parts where a clean, hygienic or decorative surface is needed.

## ■ PRODUCT RANGE

- Thickness: 0.30 – 10.0 mm (coils and sheets for general fabrication).
- Width: 11mm - 1560mm
- Forms: coils, cut-to-length sheets and strips.

## ■ STANDARDS & GRADES

- Standards: EN, ASTM and ISO stainless steel flat product standards for general purposes.
- Typical grades: 304 / 304L, 316 / 316L, 430 for general and more
- corrosive environments; other austenitic, ferritic and duplex grades on request.









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