



ALPYRON
METAL

**ALPYRON METAL TECHNICAL PRODUCT
CATALOGUE**

Reliable Steel Solutions for Global Trade

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Seyhan / ADANA / TURKEY

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- **WIRE ROD, WELDED MESH & FENCE**

Product Group	Subcategory	Diameter Range (mm)	Thickness Range (mm)	Standard Length (m)	Description	Relevant Standards
Pipes & Hollow Sections	Industrial Pipes	Ø10 – Ø219.1	0.40 – 8.20	2.8 – 12	ERW welded pipes for industrial and installation use	EN 10255, EN 10217, EN 10305-3, ASTM A53
Pipes & Hollow Sections	Square & Rectangular Profiles	10×10 – 500×500	0.60 – 18	5 – 12	Cold-formed hollow sections for construction and manufacturing	EN 10219, EN 10305-5, ASTM A500
Pipes & Hollow Sections	Special Hollow Profiles	Custom (U, C, V, etc.)	Up to 8.0	On demand	Open profiles made to order for structural systems	EN 10162, TS Drawing Spec.
Flat Steel	Black Sheet	-	0.30 – 50	On demand	Hot rolled steel sheets; general-purpose and construction use	EN 10130, EN 10025-2
Flat Steel	Galvanised & Pre-painted Sheet	-	0.30 – 4.00	Various	Zinc coated and painted steel for corrosion resistance	EN 10346, ASTM A653, EN 10169
Coils	Carbon & Galvanised Coils	-	0.30 – 4.00	Roll format	Cold-rolled and hot-dip galvanised coils	EN 10346, ASTM A653
Reinforcement Bars	Rebars (Deformed Steel Bars)	Ø6 – Ø32	-	6 – 12	Ribbed bars for reinforced concrete applications	TS 708, ASTM A615, BS 4449
Wire & Mesh	Wire Rod, Welded Mesh & Fence	Custom	-	Rolls / Panels	Steel wire products for fencing and industrial reinforcement	EN 10244, EN 10223, TS 4559



INDUSTRIAL PIPES

- **Product Group:** Pipes & Hollow Sections
- **Subcategory** : Industrial Pipes

Description:

High-quality ERW welded steel pipes for industrial use, suitable for installations, water systems, structural support, and mechanical infrastructure, produced per international standards for consistency, safety, and durability.

Specifications:

Diameter: Ø10 – Ø219.1 mm

Thickness: 0.40 mm – 8.20 mm

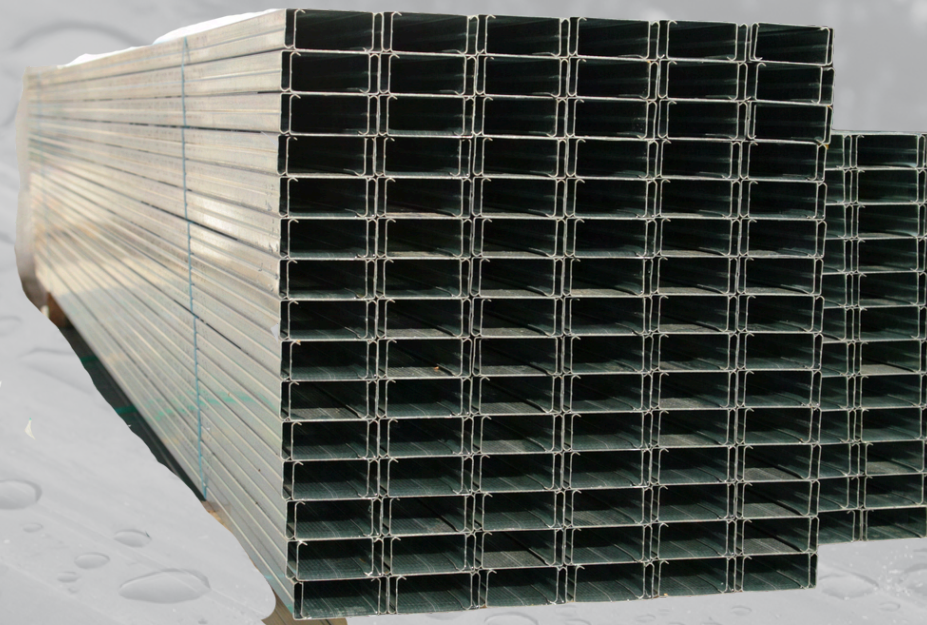
Lengths: 2.8 m – 12 m (custom lengths available)

Finish: Black, galvanised, or coated

Ends: Plain, beveled, or socketed

Grades & Standards: EN 10255, EN 10217, EN 10305-3, ASTM A53

Applications: Ideal for heating, water installations, greenhouse, irrigation systems, construction, and mechanical infrastructure.



SQUARE & RECTANGULAR PROFILES

Product Group: Pipes & Hollow Sections

Subcategory. : Square & Rectangular Profiles

Product Description

Cold-formed steel hollow sections with square or rectangular cross-sections, suitable for a wide range of structural and mechanical applications.

Technical Specifications

Dimension Range: 10×10 mm – 500×500 mm

Thickness Range: 0.60 mm – 18 mm

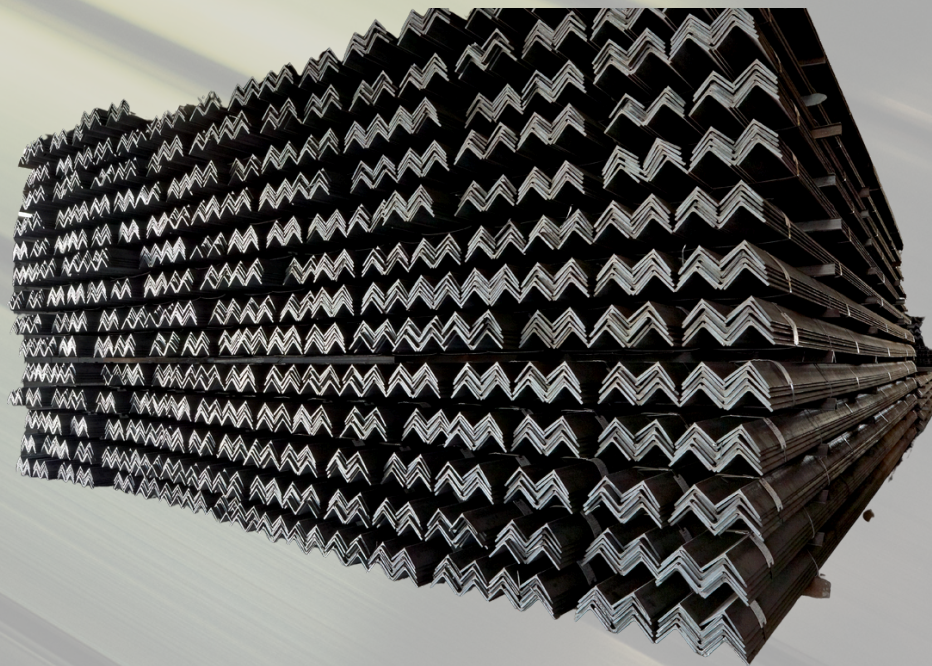
Standard Lengths: 5 m – 12 m

Surface Finish: Black, galvanised, or coated

Ends: Plain or beveled

Material Grades & Standards: EN 10219, EN 10305-5, ASTM A500

Applications: Structural frameworks, equipment, scaffolding, solar and greenhouse systems



SPECIAL HOLLOW PROFILES

Product Group: Pipes & Hollow Sections

Subcategory: Special Hollow Profiles

Product Description

Custom-designed open and special hollow steel profiles including U, C, V, J, and other shapes tailored to structural and mechanical applications.

Technical Specifications

Profile Types: U, C, V, J and custom

Thickness Range: Up to 8.0 mm

Lengths: On request

Surface Finish: Black, galvanised, or coated

Material Grades & Standards: EN 10162, TS Custom Drawings

Applications: Machine frames, solar structures, custom construction



BLACK SHEET

Product Group: Flat Steel

Subcategory: Black Sheet

Product Description

Hot rolled black steel sheets used for general-purpose fabrication and industrial applications.

Technical Specifications

Thickness: 0.30 mm – 50 mm

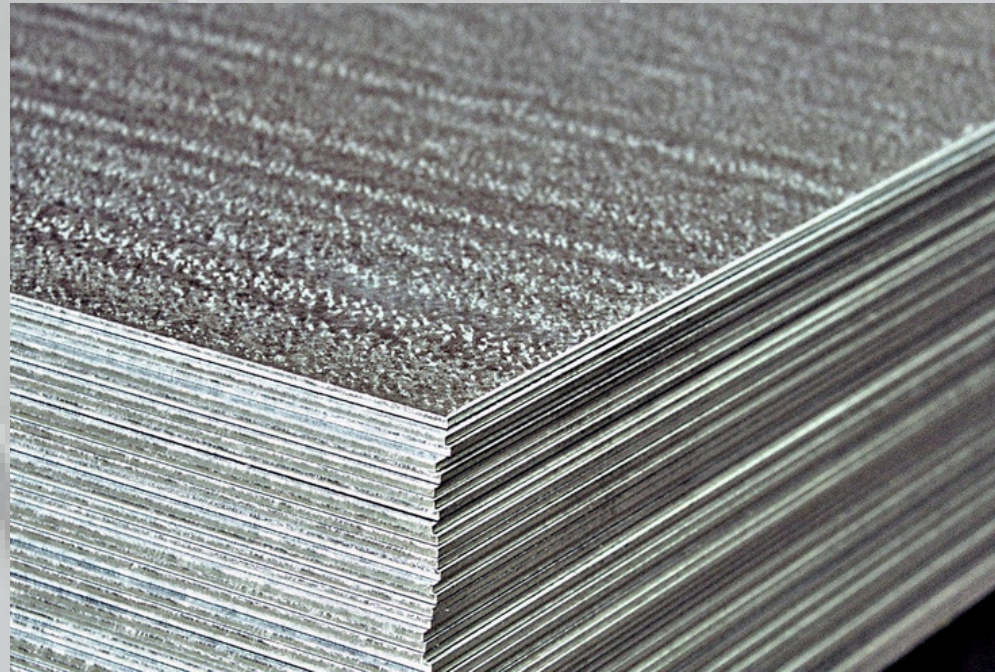
Width: Up to 2000 mm

Formats: Cut-to-length or coils

Surface: Mill scale, pickled, or black

Material Grades & Standards: EN 10025-2, EN 10130, ASTM A36

Applications: General fabrication, structural use, machinery, pipe production



GALVANISED & PRE-PAINTED SHEET

Product Group: Flat Steel

Subcategory : Galvanised & Pre-painted Sheet

Product Description

Zinc-coated and painted sheets for outdoor durability and corrosion resistance.

Technical Specifications

Thickness: 0.30 mm – 4.00 mm

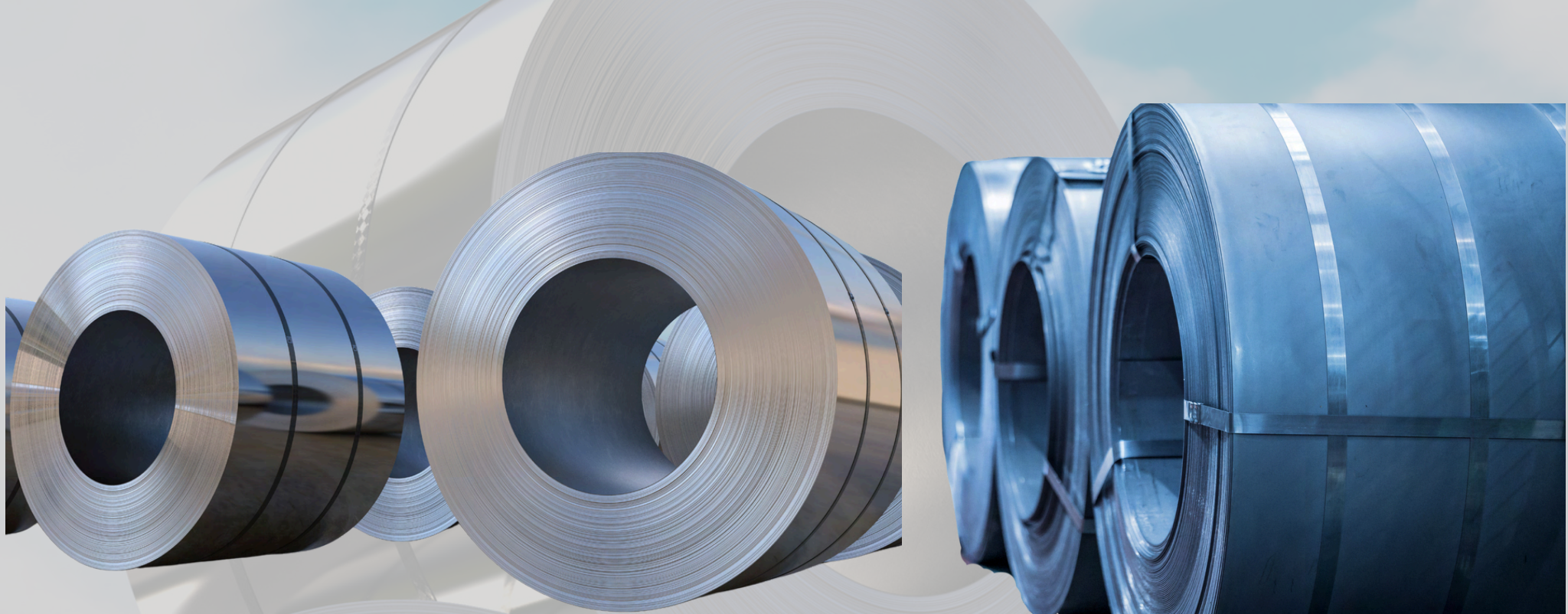
Width: Up to 1500 mm

Color: RAL Chart (for pre-painted)

Surface: Spangle, oiled, dry

Material Grades & Standards: EN 10346, EN 10169, ASTM A653

Applications: Roofing, facades, HVAC, appliances, cladding



CARBON & GALVANISED COILS

Product Group: Coils

Subcategory. : Carbon & Galvanised Coils

Product Description:

Hot and cold rolled steel coils including galvanised options for profiling and industrial use.

Technical Specifications:

Thickness: 0.30 mm – 4.00 mm

Width: Up to 1500 mm

Coil Weight: Up to 25 tons

Surface: Galvanised, black, oiled

Material Grades & Standards: EN 10346, EN 10130, EN 10051, ASTM A653

Applications: Forming, construction, automotive, tube manufacturing



REBARS

Product Group: Reinforcement Bars

Subcategory. : Rebars (Deformed Steel Bars)

Product Description

Ribbed reinforcement bars for concrete structures with strong tensile strength and bond.

Technical Specifications

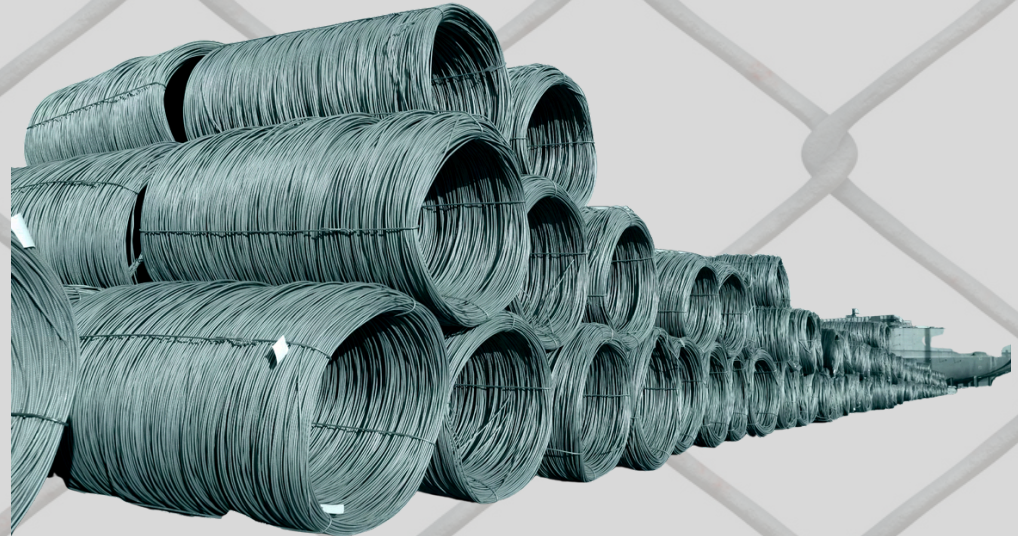
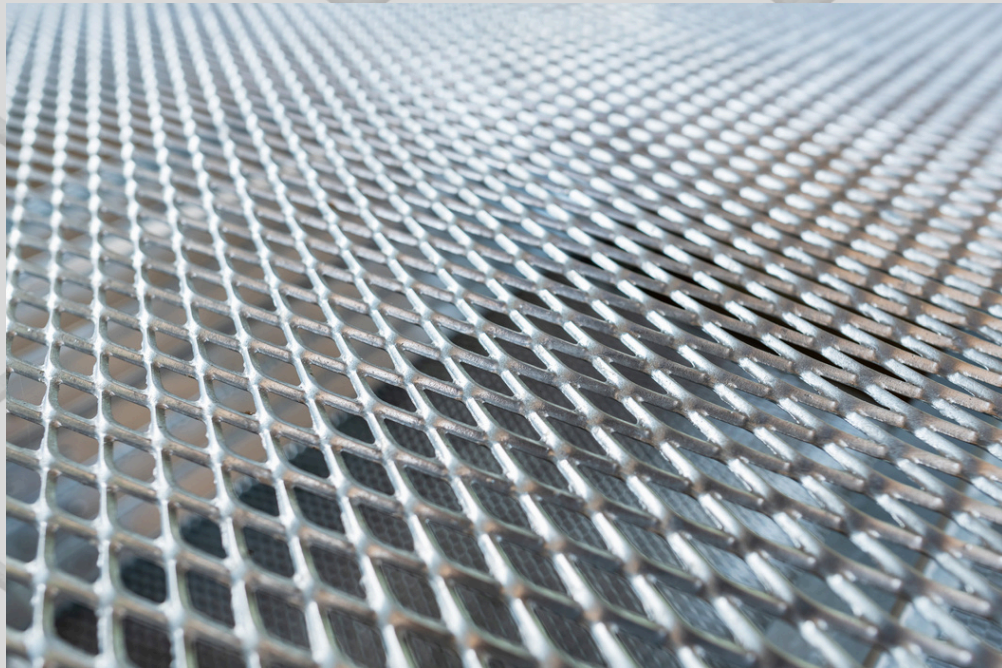
Diameter: Ø6 mm – Ø32 mm

Length: 6 m – 12 m

Surface: Ribbed or plain

Material Grades & Standards: TS 708, ASTM A615, BS 4449

Applications: Concrete buildings, bridges, tunnels, prefabricated elements



WIRE ROD, MESH & FENCE

Product Group: Wire & Mesh

Subcategory : Wire Rod, Welded Mesh & Fence Systems

Product Description

Steel wire products for fencing, structural reinforcement and enclosures.

Technical Specifications

Diameter: 2.00 mm – 12.00 mm

Formats: Coils, mesh rolls or panels

Coatings: Galvanised, PVC coated, plain

Material Grades & Standards: EN 10244, EN 10223, TS 4559

Applications: Security fencing, road barriers, reinforcement, industrial enclosures