steeling

BUILDING, INFRASTRUCTURE & STEEL MATERIALS 2027



STEEL FOR CONSTRUCTION, ENERGY AND PUBLIC WORKS

Steel materials and building products from Türkiye.

Sheets, coils, sections, hollow sections, rebar and light gauge steel – plus gratings, drainage, solar structures, facades and shelving – from vetted Turkish mills and manufacturers.

steeling.net · info@steeling.net · +90 533 212 65 95

Ilk Ihracat A.S. · Izmir, Türkiye

AT A GLANCE

From the mill to your site – in one quotation

Order steel materials by the truck or the ship's hold, and combine them with finished building products and processing in a single shipment from Türkiye.

HEB 1000
largest H-beams, from IPE 80 upwards

400 × 400
mm square hollow sections; CHS to Ø508 mm

6–40 mm
rebar diameters, B500B / B500C and ASTM grades

A15–F900
drainage load classes to EN 1433 / EN 124

25 years
minimum design life of solar structures

3.1
EN 10204 mill certificates with every material order

GROUP	PRODUCTS	PAGE
Flat products	Hot-rolled, cold-rolled, pickled sheets and coils, plates, chequered plates	4
Stainless & coated	Stainless sheets and coils, galvanized, PPGI, trapezoidal sheets	5
Long & tubular	IPE, HEA, HEB, UPN, angles; SHS, RHS, CHS, pipes	6–7
Light gauge & rebar	LGS, purlins, drywall profiles; rebar, mesh, wire rod	8–9
Processing	Cut-to-size, drilling, galvanizing, painting	10
Building products	Gratings, drainage, solar structures, facades, shelving	11–15

HOW MATERIAL ORDERS WORK

Specification, documents and logistics

Steel trade is about details: grade, tolerances, coating, packing and paperwork. We check them before you commit.

Send us

- Product, standard and grade (e.g. HEA 200, S355J2, EN 10025-2)
- Sizes, lengths and tonnage per size
- Coating or surface (galvanized, painted, oiled)
- Destination port or site and preferred Incoterm
- Required certificates and inspection

You receive

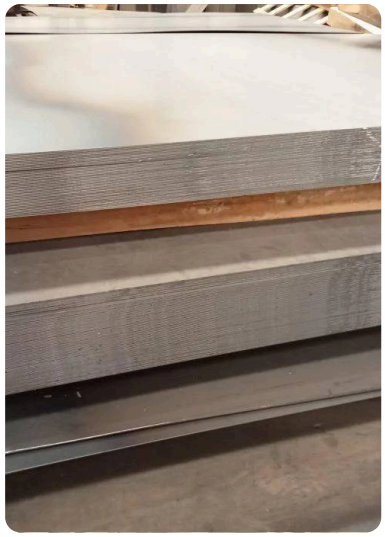
- Prices from the mill or stockist, per tonne or per piece
- Lead time, packing and loading plan
- EN 10204 3.1 mill test certificates
- Certificate of origin and EUR.1 for EU deliveries
- CBAM emissions data on request

TOPIC	HOW WE HANDLE IT
Volumes	Mixed truckloads and containers up to project tonnage; mixed loads from several mills consolidated in Türkiye
Packing	Strapped bundles with tags, coils on wooden skids or eye-to-sky, export pallets, seaworthy packing
Transport	Truck, container and breakbulk; loading at İzmir or other Turkish ports
Inspection	Pre-shipment photos, weighing and third-party inspection on request
EU import	Steel products travel under the EU–Türkiye free trade agreement with EUR.1. EU steel import quotas apply – we check quota status before you order.

Sheets, coils and plates

Hot-rolled, cold-rolled and pickled products for fabrication, construction and service centres.







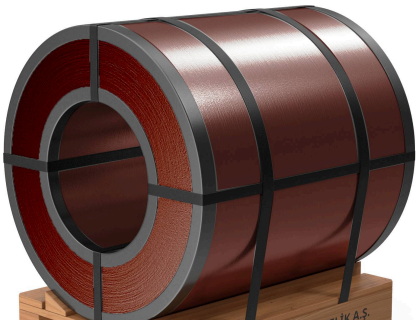
PRODUCT	TYPICAL GRADES AND STANDARDS
Hot-rolled sheets and coils	S235JR, S275JR, S355J2 (EN 10025-2); DD11–DD13 (EN 10111) for forming
Pickled and oiled (HRPO)	DD11–DD14, S235–S355; clean surface for laser cutting, bending and painting
Cold-rolled sheets and coils	DC01–DC06 (EN 10130); structural cold-rolled grades on request
Heavy plates	S235–S355, S460 (EN 10025), boiler and pressure grades P265GH, P355GH (EN 10028)
Wear-resistant plates	400 and 500 HBW wear grades on request
Chequered plates	Tear-drop and diamond patterns for floors and stairs

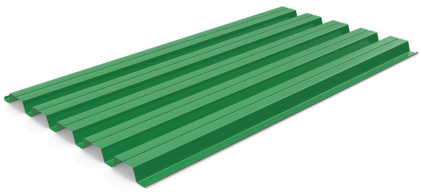
Thickness, width and coil weight depend on the mill programme. Slitting, cut-to-length and cutting to shape are available through our processing partners (page 10).

Stainless, galvanized and pre-painted steel

Corrosion-protected sheet and coil for roofing, cladding, HVAC, appliances and light steel framing.







PRODUCT	GRADES, COATINGS AND OPTIONS
Stainless steel	1.4301 (304), 1.4307 (304L), 1.4404 (316L), 1.4016 (430) and others (EN 10088); 2B, BA, brushed and No.1 finishes; sheets, coils, pipes and bars
Hot-dip galvanized	DX51D to DX54D and structural S220GD–S350GD +Z (EN 10346); zinc coatings Z100 to Z275, heavier on request
Pre-painted (PPGI)	Galvanized or Galvalume substrate; polyester and other paint systems in RAL colours; protective film on request
Trapezoidal and corrugated sheets	Roof and wall profiles in galvanized or pre-painted steel, cut to length; flashings and accessories

Free tool: our galvanized grade and coating class tables are on steeling.net/tools.

STEEL MATERIALS · STRUCTURAL SECTIONS

IPE, HEA, HEB, UPN and angles

Hot-rolled sections for steel buildings, industrial structures and mezzanines – cut to length, drilled and painted on request.



PROFILE	STANDARD	SIZE RANGE	GRADES
IPE beam	EN 10034	IPE 80 – IPE 600	S235, S275, S355
IPN beam	DIN 1025-1	IPN 80 – IPN 550	S235, S275
HEA / HEB beam	EN 10034	100 – 1000	S235, S275, S355
HEM beam	EN 10034	HEM 100 – HEM 1000	S355
UPN channel	EN 10279	UPN 30 – UPN 400	S235, S275, S355
Equal angle	EN 10056-1	20×20×3 – 200×200×24 mm	S235, S275, S355
Unequal angle	EN 10056-1	30×20 – 200×150 mm	S235, S275
Flat and round bars, T-bars	EN 10058 / EN 10060	On request	S235, S355, C45

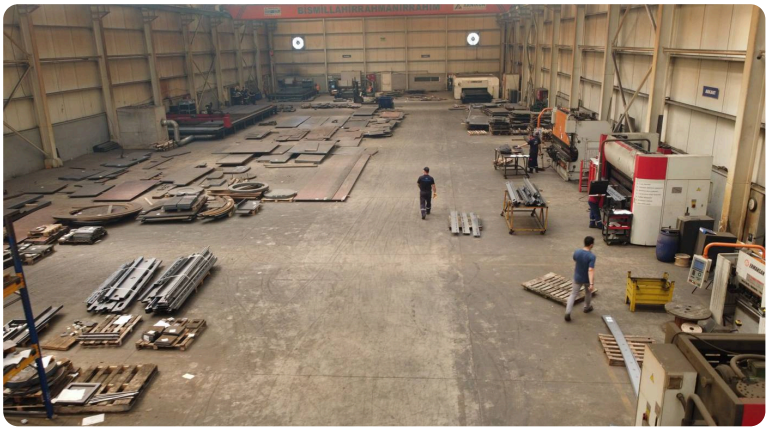
Section tables with weights and properties (IPE, HEA, HEB, HEM) are free on steeling.net/tools.

STEEL MATERIALS · TUBULAR

Hollow sections and steel pipes

Square, rectangular and circular hollow sections for structures, frames and fences – black, pre-galvanized or hot-dip galvanized.





TYPE	STANDARD	SIZE RANGE	WALL
SHS square	EN 10219 / EN 10210	20×20 – 400×400 mm	1.5 – 20 mm
RHS rectangular	EN 10219 / EN 10210	50×30 – 400×200 mm	2.0 – 16 mm
CHS circular	EN 10219 / EN 10210	Ø21.3 – Ø508 mm	1.6 – 25 mm
Galvanized SHS / RHS	EN 10219 + ISO 1461	Selected sizes	2.0 – 8 mm

Grades

S235, S275 and S355 (JRH, J0H, J2H). Cold-formed EN 10219 for most building work; hot-finished EN 10210 for heavily loaded structures.

Pipes

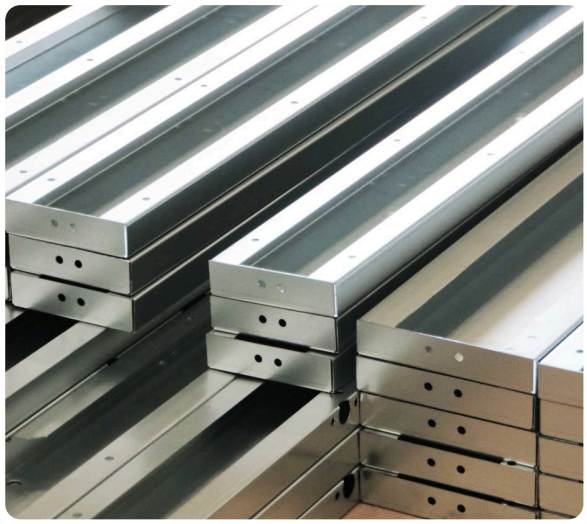
ERW and galvanized pipes for water, gas, fire-fighting and structural use; spiral-welded pipes for large diameters. Standards on request.

LIGHT GAUGE STEEL

LGS framing, purlins and drywall profiles

Roll-formed galvanized profiles for steel framing, roofs, walls and ceilings.





PROFILE	WEB	THICKNESS	COATING
LGS C stud	50 / 70 / 100 / 150 mm	0.5 – 2.0 mm	Z140 / Z275
LGS U track	50 / 70 / 100 / 150 mm	0.5 – 1.5 mm	Z140 / Z275
C and Z purlins	To project	To project	Galvanized
Omega profiles	To project	To project	Galvanized

Drywall and ceiling profiles

Studs, tracks, ceiling C and U profiles, corner beads and accessories to EN 14195, in galvanized steel.

Custom roll-forming

Special profiles to your drawing, punched and cut to length, for greenhouses, racks, solar structures and building systems.

REINFORCING STEEL

Rebar, mesh and wire rod

Türkiye is one of the world's leading rebar exporters. We source from integrated and electric-arc mills, with mill certificates for every heat.

PARAMETER	DETAILS
Type	Hot-rolled deformed (ribbed) reinforcing bar
Grades	B500B, B500C (BS 4449); BSt 500S (DIN 488); ASTM A615 Grade 40, 60, 75; Grade 420 and 500
Diameters	6 to 40 mm (metric); #2 to #14 (imperial)
Lengths	6, 9 and 12 m; cut-to-length available; coils for bending
Standards	ASTM A615, BS 4449, DIN 488, TS 708, ELOT 971
Packing	Bundled and tagged with mill certificates; container or breakbulk
HS code	7214.20

Mesh

Welded reinforcement mesh in standard and project-specific sizes.

Wire rod and wire

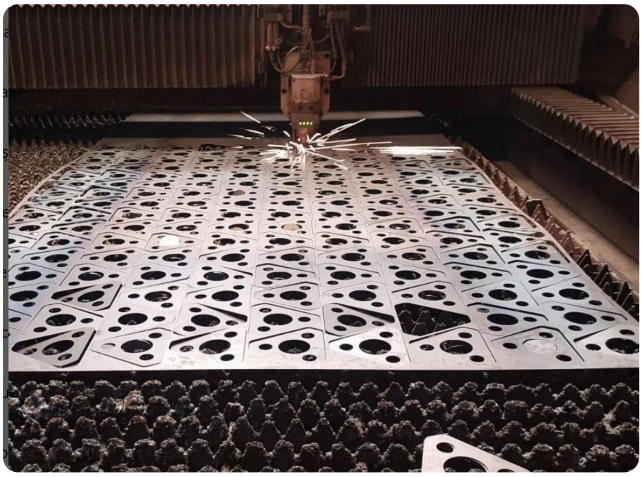
Wire rod for drawing and mesh, black and galvanized wire.



PROCESSING

Cut-to-size and ready to install

Save handling on site: materials can be processed before shipment by our fabrication partners.





Sheet and plate

- Slitting and cut-to-length
- Laser, plasma and oxy-fuel cutting to shape
- Bending and rolling
- Shot blasting and priming

Sections and tubes

- Sawing and cutting to length
- Drilling, punching and coping
- Tube laser cutting
- Hot-dip galvanizing and painting

Need fabricated parts? Our Fabrication & Machining Catalog covers laser cutting up to 30 kW, bending up to 6,000 mm, welding, heavy fabrication and CNC machining – steeling.net/catalogs.

BUILDING PRODUCTS · GRATINGS

Steel platform gratings to DIN 24537

Press-locked and welded gratings for platforms, walkways, stairs and plant floors – hot-dip galvanized to EN ISO 1461.





TYPE	CONSTRUCTION	TYPICAL USE
Full-pass press-locked	30×3 mm bars interlocked in both directions	Heavy-duty platforms, ramps, plant floors
Half-pass press-locked	30×3 mm bearing bars, 16×3 or 12×3 mm cross bars	Walkways, mezzanines, maintenance platforms
Welded (twisted bars)	Bearing bars joined with twisted square bars, e.g. 34×38 mesh	Industrial flooring, catwalks, stair treads
Serrated	Notched bearing bars, all types	Wet, oily and outdoor areas

Also available: stainless steel and GRP (composite) gratings, stair treads with nosing, custom panels with cut-outs, fixing clips.

Drainage channels, gratings and manhole covers

Complete drainage systems for roads, car parks, logistics areas, airports and public spaces.





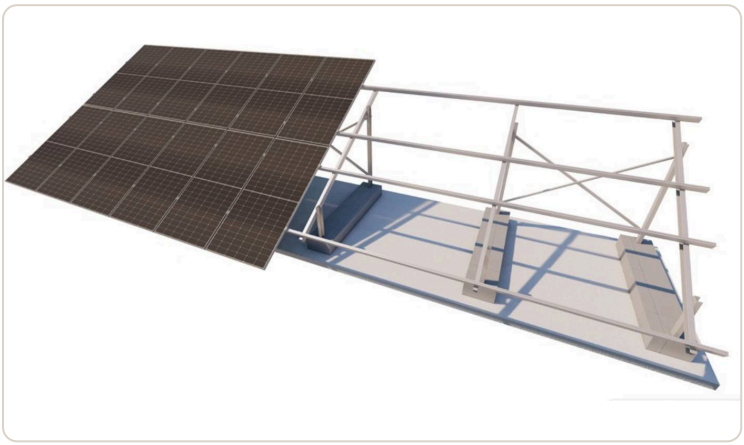
LOAD CLASS	TEST LOAD	TYPICAL APPLICATION	MATERIALS
A15	15 kN	Pedestrian areas, terraces	Composite, polymer
B125	125 kN	Footpaths, car parks	Cast iron, composite, galvanized steel
C250	250 kN	Kerbside, slow roads	Cast and ductile iron, composite
D400	400 kN	Roads, carriageways	Cast and ductile iron, composite
E600	600 kN	Docks, heavy vehicle areas	Ductile iron
F900	900 kN	Airports, heavy logistics	Ductile iron, heavy composite

Channels in polymer concrete, composite and steel; gratings in galvanized and stainless steel, cast iron and composite; square and round manhole covers. Standards: EN 1433, EN 124.

BUILDING PRODUCTS · ENERGY

Solar mounting structures

Ground-mounted and rooftop structures in galvanized steel, designed to the loads of your site.





PARAMETER	STANDARD / TYPICAL RANGE
Material	S235JR / S355JR hot-rolled and cold-formed profiles
Corrosion protection	Hot-dip galvanizing to EN ISO 1461 (≥ 85 µm) or powder coating
Design	Eurocode 3 (EN 1993), ASCE 7, IEC 62817
Wind load	Up to 200 km/h, site-specific calculation
Snow load	Up to 1.5 kN/m², site-specific
Design life	Minimum 25 years
Modules	All standard framed modules, including large formats of 600 W and more
Tilt	Fixed 0°–45°; single-axis trackers ±60°

BUILDING PRODUCTS · ENVELOPE

Ventilated ceramic facades

Aluminium substructure systems for ventilated facades – supplied with ceramic or porcelain panels, and installed on request.





PARAMETER	DETAILS
Profiles	Extruded aluminium EN AW-6063 T6; T, omega and L profiles in 3 and 6 m lengths
Brackets	Single and double consoles, adjustable projection 80–250 mm
Fixing	Visible (rivet) or concealed clip systems
Thermal break	EPDM or polyamide PA 6.6 pads at every bracket
Fasteners	A2 / A4 stainless steel anchors and bolts
Finish	Anodised or powder-coated in any RAL colour
Panels	Ceramic, porcelain, natural stone, fibre cement, HPL, aluminium composite

BUILDING PRODUCTS · STORAGE & MORE

Shelving, racking and other products

Storage systems for retail and warehouses, and a range of related building products.



Retail shelving

- Gondola and wall shelving for supermarkets and stores
- Fruit and vegetable displays, checkout units
- Powder-coated in RAL colours

Warehouse racking

- Pallet racking and light-duty shelving
- Cantilever and mezzanine systems
- Layout and load design on request

Fences & wire

Panel fences, gates, wire mesh and posts

Steel buildings

Structures for warehouses and industrial halls

Fasteners

Anchors, bolts and fixings for all systems

steeling

REQUEST A QUOTE

Send your list once. We find the right mill.

Material RFQ checklist

- Product, standard and grade
- Sizes, lengths and tonnage per item
- Coating, surface and packing
- Certificates and inspection
- Destination and Incoterm
- Delivery schedule

For building products, send drawings or a bill of quantities – we quote supply, and installation where available.

steeling.net
Scan to send your request

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Partner names are shared during the quotation process. Sizes and grades depend on mill programmes and availability. © 2027 İlk İhracat A.Ş.