

Zahi Steel

HR · CR · GI Flat Steel Solution

Sourced from China & India · Delivered to the GCC, Africa & Europe

ABOUT US

A steel company built around flat steel.

Zahi Steel connects proven steel mills in China and India with buyers across the Gulf, Africa and Europe. We focus on what matters to a steel buyer: the right grade, consistent quality, documents that clear customs, and cargo that arrives when promised. From a single container of GI sheets to break-bulk shipments of HR coils, we handle sourcing, inspection, logistics and trade finance.

SERVICES

Mill sourcing	Quality & inspection	Logistics & freight
Trade finance (LC / TT)	Processing (slit / CTL / corrugate)	Market updates

TRADE TERMS

Incoterms: FOB · CFR · CIF. Payment: LC at sight · TT. Shipment: containers or break-bulk. Documents: commercial invoice, packing list, B/L, certificate of origin, EN 10204 3.1 mill test certificate; third-party inspection on request.

HR

Hot Rolled Coils & Sheets

Rollled above recrystallisation temperature, hot rolled steel is the workhorse of construction, fabrication and pipe-making. We supply black coils, pickled & oiled (HRPO), cut sheets, plates and chequered plates from proven mills in China and India.

Specification (typical supply range)

Thickness	1.2 – 25 mm
Width	900 – 2000 mm
Coil ID	760 mm
Coil weight	10 – 30 MT (to buyer limit)
Forms	Coil · Sheet · Plate · HRPO · Chequered
Edge	Mill edge / trimmed
Surface	Black mill scale · pickled & oiled

Grade cross-reference (approximate equivalents)

Use	JIS	EN	ASTM	China	BIS
Commercial / structural	SS400	S235JR	A36 · A1011 SS36	Q235B	IS 2062 E250
Medium strength	—	S275JR	A1011 SS40	Q275	IS 2062 E275
High strength	SM490 / SS490	S355JR / J2	A572 Gr.50	Q355B	IS 2062 E350
Drawing / forming	SPHC · SPHD	DD11 · DD12	A1011 CS / DS	SPHC	IS 10748

Applications

Structural fabrication & steel buildings · Pre-engineered buildings (PEB) · ERW pipes & hollow sections · Tanks, silos & pressure-free vessels · Truck chassis & heavy equipment · Chequered floor & stair plates

Packing

Coils strapped radially and circumferentially, eye-to-sky or eye-to-wall, with steel edge protectors and dunnage; sheets in strapped bundles on skids. Loaded in containers or break-bulk.

CR

Cold Rolled Coils & Sheets

Cold rolled steel is reduced at room temperature after pickling, giving tighter thickness tolerances, better flatness and a clean, bright surface — ideal for appliances, furniture, automotive parts and as substrate for galvanizing and colour coating.

Specification (typical supply range)

Thickness	0.15 – 3.0 mm
Width	600 – 1550 mm
Coil ID	508 / 610 mm
Coil weight	3 – 20 MT
Temper	Full hard · annealed · skin-passed
Surface	Bright · matt
Treatment	Oiled · dry

Grade cross-reference (approximate equivalents)

Use	JIS	EN	ASTM	China	BIS
Commercial quality	SPCC	DC01	A1008 CS	SPCC / ST12	IS 513 CR1
Drawing quality	SPCD	DC03	A1008 DS	ST13	IS 513 CR2
Deep drawing	SPCE	DC04	A1008 DDS	ST14	IS 513 CR3
Extra deep drawing	SPCF	DC05 · DC06	A1008 EDDS	—	IS 513 CR4

Applications

Home appliances & white goods · Steel furniture, shelving & lockers · Automotive components · Drums, barrels & containers · Electrical panels & enclosures · Substrate for GI / PPGI lines

Packing

Fully wrapped in VCI paper and plastic film, inner and outer steel rings, edge protectors and steel bands; sheets packed in sealed bundles on wooden skids.

GI

Galvanized Coils & Sheets

Hot-dip galvanized steel carries a zinc coating that protects the base metal from corrosion — essential in the Gulf climate and in coastal African markets. We supply GI coils, plain sheets and corrugated roofing profiles across a full range of coating masses.

Specification (typical supply range)

Thickness	0.12 – 4.0 mm
Width	600 – 1500 mm
Coating	Z40 – Z275 g/m ² (both sides)
Spangle	Regular · minimised · zero
Passivation	Chromated · chrome-free · anti-finger
Coil ID	508 / 610 mm
Coil weight	3 – 10 MT

Grade cross-reference (approximate equivalents)

Use	JIS	EN	ASTM	China	BIS
Commercial	SGCC	DX51D+Z	A653 CS-B	DX51D+Z	IS 277 GP
Forming / drawing	SGCD	DX52D · DX53D	A653 FS / DS	DX52D+Z	IS 277 GPD
Structural	SGC340 – SGC440	S250GD – S350GD	A653 SS Gr.37 – 50	S350GD+Z	IS 277 YS 250–350

Applications

Roofing & wall cladding · HVAC ducting · Cable trays & electrical · Purlins, studs & light-gauge framing · Solar mounting structures · Substrate for PPGI / PPGL

Packing

VCI paper, plastic film and galvanized/steel outer wrap, inner and outer rings, edge protectors and steel bands. Sheets in sealed bundles on skids; corrugated sheets bundled by length.

PPGI

PPGI / PPGL Colour Coated Coils

Pre-painted steel combines a galvanized (GI) or galvalume (GL) substrate with factory-applied primer and top coat — a ready-to-form, weather-resistant product for roofing, sandwich panels and appliances, available in RAL colours.

Specification (typical supply range)

Thickness	0.12 – 1.0 mm
Width	600 – 1250 mm
Substrate	GI Z40 – Z275 · GL AZ50 – AZ150
Paint system	PE · SMP · HDP · PVDF
Top coat	Typically 15 – 25 µm
Back coat	Typically 5 – 10 µm
Colours	RAL range · wrinkle · matt · printed

Grade cross-reference (approximate equivalents)

Use	JIS	EN	ASTM	China	BIS
Commercial	CGCC	DX51D+Z (EN 10169)	A755 on A653 CS	TDC51D+Z	IS 14246
Structural	CGC340 – CGC440	S250GD – S350GD	A755 on A653 SS	TS350GD+Z	IS 14246

Applications

Roofing & wall cladding · Sandwich & insulated panels · Cold rooms & warehouses · Home appliances · Partitions & shutters · Signage & interior panels

Packing

Protective PE film on request, VCI and plastic wrap, steel outer cover, edge and ring protectors, steel bands; coils eye-to-sky on pallets or eye-to-wall.



CONTACT

Send us your enquiry.

Share product, grade, thickness × width, quantity, destination port and delivery window — we will return a firm offer.

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All ranges are typical supply windows. Final dimensions, grades and tolerances are confirmed per order against the producing mill's capability and the applicable standard. Grade equivalents are approximate.