

Fanda Steel

Steel coils & Roofing Sheet Product Catalog

Quality · Reliability · One-Stop Supply

Shandong Fanda New Materials Co., Ltd

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About Fanda Steel

Shandong Fanda New Materials Co., Ltd is a professional manufacturer and exporter of steel coils, roofing sheets, building materials, and highway guardrail systems. With **15+ years of export experience team**, we serve customers across Southeast Asia, Africa, the Middle East, South America, and Europe — a preferred partner for infrastructure and construction projects worldwide.



Own Factory

Advanced production lines



15+ Years Export

Global market presence



Quality Certified

ISO9001, BV, SGS



MTC Included

Mill Test Certificates



Flexible MOQ

Small & large projects



Timely Delivery

Professional logistics

Our Main Products

Category	Products
Steel Coils	Hot-Dipped GI Coil, Galvalume (GL) Coil, Prepainted Coil (PPGI/PPGL)
Roofing Sheets	Galvanized Corrugated, Galvalume Corrugated, Prepainted Corrugated sheet
Roofing Sheets	Stone Coated Metal Roof Tiles
Sandwich Panels	EPS Panel, PU Panel, Rock Wool Panel
Guardrail Systems	Highway Guardrail Beams, Posts, Spacer Blocks, Bolts, Deer Fencing
Accessories	FRP Roofing Sheets, Roofing Nails, Guardrail Fittings

Hot-Dipped Galvanized Steel Coil (GI)

Base Material	SPCC/SPHC / Q195 / Q235B / S250GD CRC
Thickness	0.11mm – 4.0mm
Width	60mm – 1250mm
Zinc Coating	Z20 – Z275 (g/m ²)
Surface Finish	Regular / zero spangle
Standard	ASTM A653, JIS G3302, EN 10346 DX51D

Applications:

Roofing & Wall Panels

Steel Tubes & Pipes

C/Z Purlins

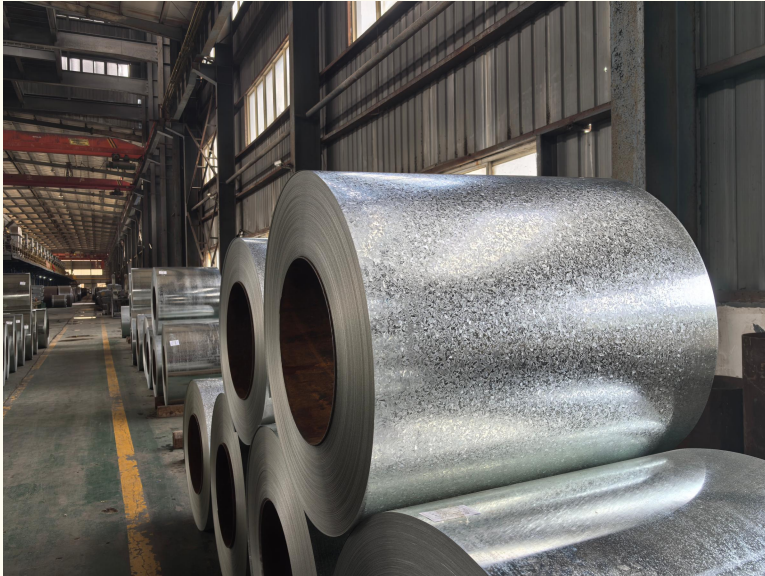
Floor Decking

Highway Guardrails

Home Appliances

Hot-Dipped Galvanized Steel Coil (GI)

Galvanized steel coil is produced by immersing steel substrate into a molten zinc bath, creating a protective zinc coating that provides excellent corrosion resistance and long service life. It is one of the most widely used steel products in construction and manufacturing.



Excellent corrosion resistance, long service life, widely used in construction

Galvalume Steel Coil (GL)

Base Material	SPCC/SPHC / Q195 / Q235B / S250GD CRC
Thickness	0.12mm – 3.0mm
Width	100mm – 1250mm
Coating Weight	AZ30 – AZ200 (g/m ²)
Standard	ASTM A792, JIS G3321, EN 10346 DX51D

2–6× Better
Corrosion Resistance

Outperforms galvanized
steel in harsh
environments

High Heat Resistance

Withstands up to 315°C
without discoloration

Energy Efficient

Excellent heat reflectivity
reduces building energy
costs

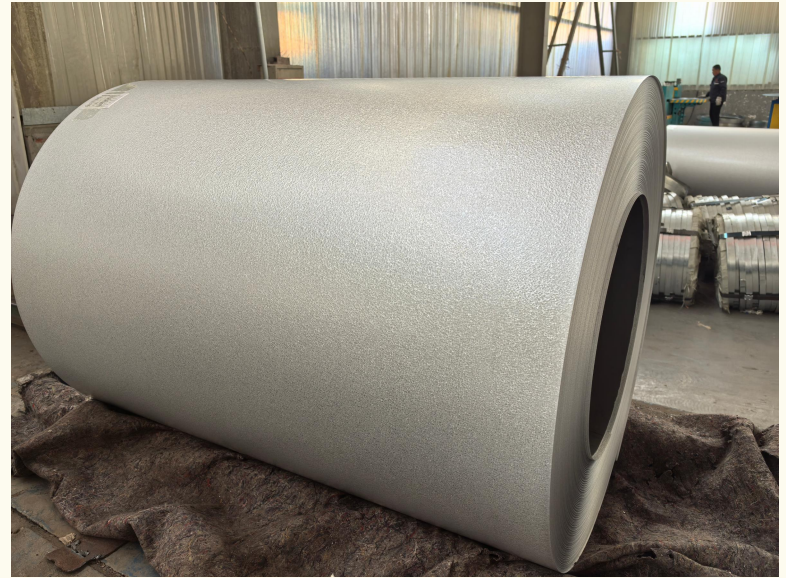
Excellent Formability

Stamping, bending, and
roll-forming ready

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Galvalume Steel Coil (GL)

Galvalume steel coil features an aluminum-zinc alloy coating (55% aluminum, 43.5% zinc, 1.5% silicon), combining the corrosion resistance of aluminum with the cathodic protection of zinc. It offers superior durability compared to traditional galvanized steel.



2-6x better corrosion resistance than GI", "Withstands up to 315°C

Prepainted Steel Coil (PPGI / PPGL)

Base Material	Hot-dipped GI / GL coil
Thickness	0.12mm – 1.5mm
Width	600mm – 1250mm
Coating Type	PE (Polyester) / PVDF (Fluorocarbon)
Topcoat Thickness	PE: 15–25µm / PVDF: 20–30µm
Color	RAL color series (customized)
Standard	ASTM A755, JIS G3312, EN 10169

PE (Polyester)

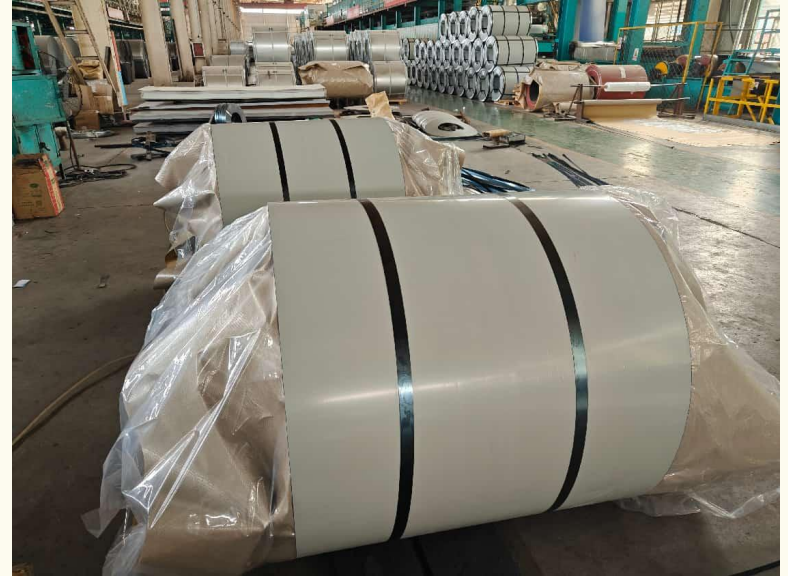
5–10 year service life. Cost-effective for general outdoor environments.

PVDF (Fluorocarbon)

20–30 year service life. Ideal for coastal areas, industrial zones, and premium projects.

Prepainted Steel Coil (PPGI / PPGL)

Prepainted steel coil is manufactured from GI or GL substrate with chemical pretreatment, primer, and topcoat application. Available in PE (polyester) and PVDF (fluorocarbon) coating systems, it offers excellent weather resistance, aesthetics, and formability.



Galvanized / Galvalume / Prepainted Corrugated Steel Sheets

Base Material	GI / GL / PPGI / PPGL
Thickness	0.11mm – 2.0mm
Effective Width	600mm – 1100mm (profile dependent)
Profile Types	waves'shape, trapezoidal shape etc.
Wave Height	10mm – 35mm
Length	Customized (1m – 12m)

High Strength-to-Weight

Only 4–8 kg/m², reduces structural load

Corrosion Resistant

Zinc or aluminum-zinc coating protection

Fast Installation

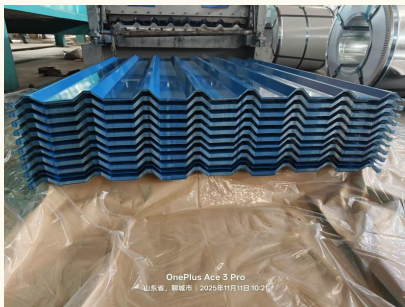
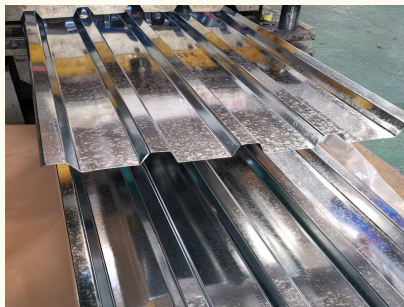
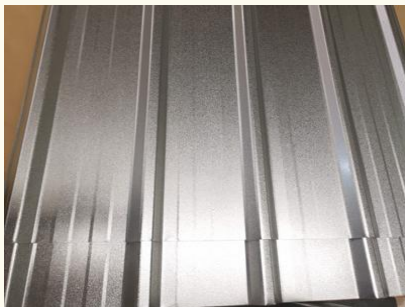
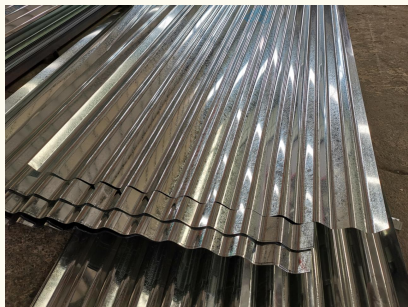
Lightweight, easy to handle and fix

Cost-Effective

Wide color range, competitive pricing

Galvanized / Galvalume / Prepainted Corrugated Steel Sheets

Our corrugated steel sheets are roll-formed from high-quality GI, GL, or PPGI coils into wave profiles that significantly improve longitudinal strength and flexural rigidity. They are lightweight, durable, and easy to install.



Stone Coated Metal Roof Tiles

Base Material	Galvalume steel (AZ50–AZ200)
Thickness	0.20mm – 0.60mm
Stone Coating	Natural basalt / granite granules
Tile Profiles	Flat/curved/Bond/Classic/Groove/Milano/Roman/Shingles/Slate/Wood
Standard Size	1340 × 420mm (eff. ~0.43–0.48 m²)
Weight	4–6 kg/m² (1/6 of clay tiles)
Colors	12+ options, RAL available

50+ Year Lifespan

High Al-Zn steel base with durable stone coating

Weather Resistant

Withstands hail, winds up to 120 km/h, extreme temperatures

Lightweight & Eco-Friendly

Only 4–6 kg/m², 100% recyclable metal base

Easy Installation

Lap joint design, can be cut on site

FANDA STEEL

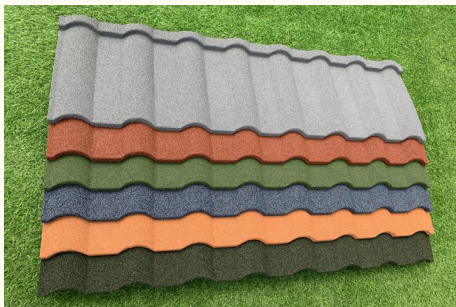
Stone Coated Metal Roof Tiles

Stone coated metal roof tiles are manufactured from high-strength Galvalume steel base with natural stone granules on the surface, combining the durability of metal with the aesthetic appeal of traditional roofing materials.

BOND



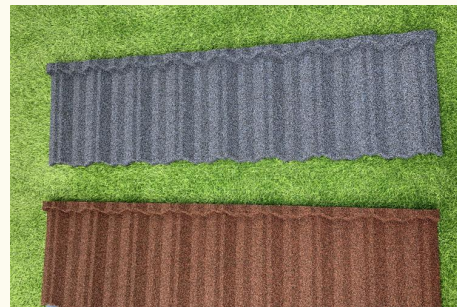
MINALO



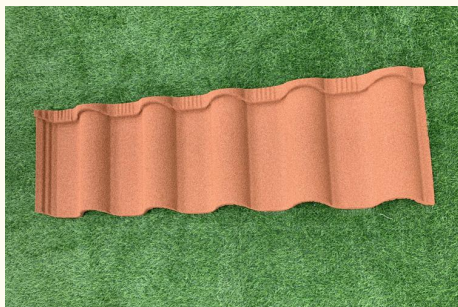
SHINGLES



CLASSIC



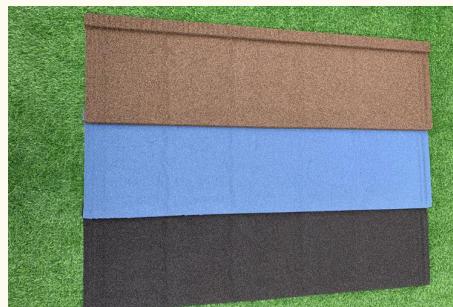
GROOVE



ROMAN



SLATE



WOOD



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Stone Coated Metal Roof Tiles

Stone coated metal roof tiles are manufactured from high-strength Galvalume steel base with natural stone granules on the surface, combining the durability of metal with the aesthetic appeal of traditional roofing materials.

Color options: Available in 12+ colors. RAL color matching available



09 Black



10 Black White



11 Coffee Black



12 Brown Black



01 Terracotta



02 Agate Red



03 Beige Red



04 Black Red



13 Twilight Gray



14 Smoky Gray



15 Black Gray



16 Coffee Brown



05 Sky Blue



06 Blue Black



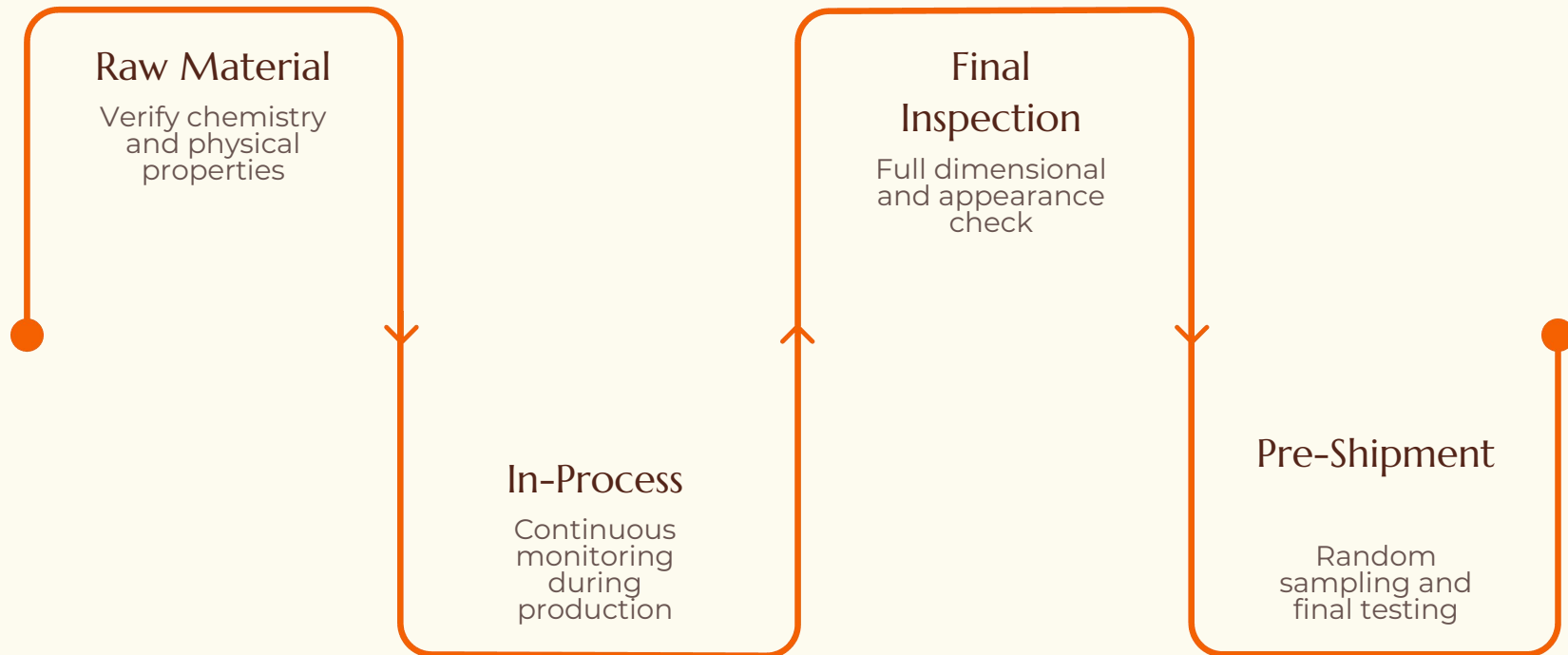
07 Forst Green



08 Black Green

Quality Assurance

At Fanda Steel, quality is never an accident. Strict controls at every production stage ensure our products meet or exceed expectations.



From raw material to shipment, every batch is verified for dimensional accuracy, coating quality, and corrosion resistance — backed by mill test certificates and third-party inspection options including SGS, BV, and Intertek.

Frequently Asked Questions

What is the MOQ?

1 roll (16–18 t) or 1×20ft container (25–27 t). Trial orders accepted.

What is the delivery time?

Stock: within 1 week. Production: 30–35 days. Custom: 30–45 days.

What payment methods are accepted?

T/T (30% deposit + 70% balance) or L/C at sight.

What quality certifications do you offer?

ASTM, JIS, EN, GB/T standards. Mill Test Certificates (MTC) provided per batch.

Can products be customized per drawing?

Yes — coils, roofing sheets, guardrails. Submit CAD files for quotation.

Contact Us

We are ready to support your next project with quality products, professional service, and reliable delivery.

Shandong Fanda New Materials Co., Ltd — **Fanda Steel**

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 **Contact us today for a free sample or customized quotation.** We look forward to building a long-term partnership with you.