JINDAL

PANTHER

COLOUR PRO+

COLOUR

COATED SHEETS

Lasting Colours | Lasting Strength



JINDAL PANTHER COLOUR PRO+

ABOUT
JINDAL STEEL

Jindal Steel is one of India's leading steel manufacturers, recognized for its commitment to innovation, quality, and nation-building. With a strong presence across steel, mining, and infrastructure, the company delivers world-class products that cater to diverse sectors including construction, infrastructure, automotive, engineering, and manufacturing. Driven by advanced technology, sustainable practices, and customer-centric solutions, Jindal Steel has established itself as a trusted partner in India's growth journey. Its extensive product portfolio, robust manufacturing capabilities, and nationwide distribution network enable the company to consistently deliver superior value and performance. Guided by a legacy of excellence and a vision for the future, Jindal Steel continues to shape stronger, smarter, and more sustainable infrastructure for generations to come.



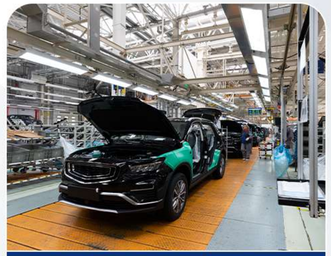
COMMITMENT TO QUALITY & INNOVATION

BUILDING A STRONGER INDIA

CONSTRUCTION



INFRASTRUCTURE



AUTOMOTIVE



ENGINEERING & MANUFACTURING

PRODUCT **OFFERINGS**



Jindal Steel offers a comprehensive portfolio of high-quality steel solutions catering to the infrastructure, construction, automotive, and industrial sectors. Our product portfolio includes Hot Rolled Coils, HRPO & HRSPO Coils, Cold Rolled Coils, and Coated Steel products such as Galvanised Iron and Al-Zn Alloy coated coils and sheets, engineered to deliver strength, durability, and consistent performance.

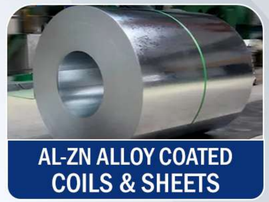
Complementing our core steel offerings, Jindal Steel also provides a diverse range of downstream products, including Profile Sheets, Deck Sheets, Sandwich Panels, Multi Slit Coils, and Corrugated & CTL Sheets. These value-added solutions are designed to address specific application requirements and deliver enhanced functionality across a wide range of industries.

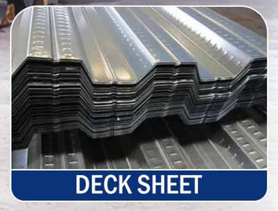

COLOUR PROFILE SHEET


HRPO & HRSPO COILS


COLD ROLLED COILS


GALVANISED IRON COILS & SHEETS

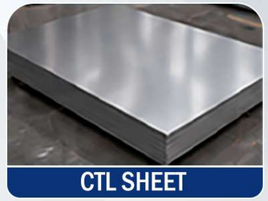

AL-ZN ALLOY COATED COILS & SHEETS


DECK SHEET


SANDWICH PANELS


MULTI SLIT COILS


CORRUGATED SHEET


CTL SHEET

OTHER
COATED PRODUCTS

GALWIN



- Superior Corrosion Resistance
- High Strength & Durability
- Excellent Formability
- Consistent Surface Finish

Zn Coated Steel Coils/Sheets

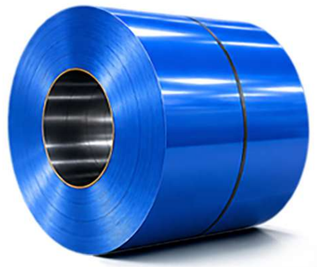
GALVAM



- Superior Coating Integrity
- Weather-Ready Protection
- High-Quality Surface Finish
- Consistent Surface Finish

55% Al-Zn Alloy Coated Steel Coils/Sheets

COLOUR PRO



- Advanced Corrosion Protection
- Vibrant Colour Retention
- Aesthetic Excellence
- All-Weather Durability

Painted Galvanised Coated Steel Coils/Sheets

Cold Rolled Full Hard Coil (CRFH)



- High Strength And Hardness
- Low Ductility and Formability
- Smooth Surface Finish

Tight Dimensional Tolerances

Cold Rolled Close Annealed Steel (CRCA)



- High Dimensional Accuracy
- Smooth Surface Finish
- Excellent Formability

Better Surface Quality

Colour Pro+



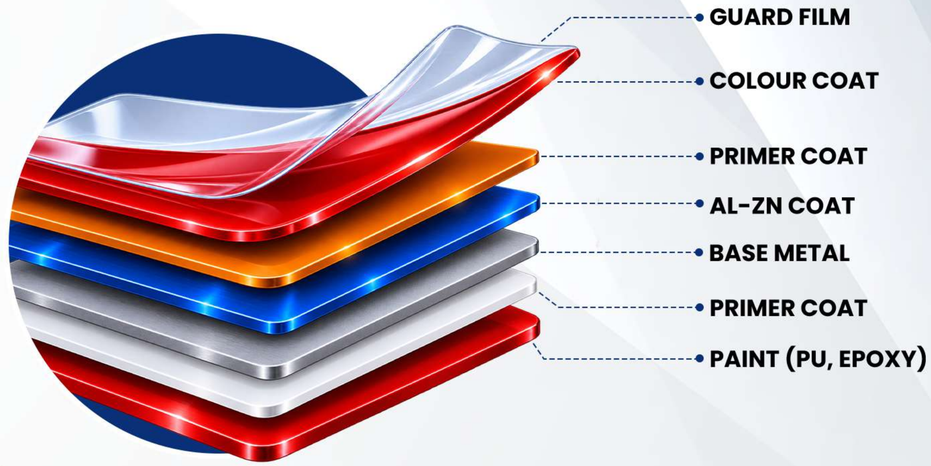
- Advanced Corrosion Protection
- Aesthetic Excellence
- All-Weather Durability

Pre-painted 55% Al-Zn Alloy Coated Steel Coils/Sheets

COLOUR **PRO+**



Colour Pro+ sets a new benchmark in premium roofing with its advanced four-coat pre-painted system and anti-corrosion layer. Built on advanced aluminium-zinc coated steel technology, Colour Pro+ delivers exceptional protection against corrosion and harsh weather conditions, extending the life and durability of steel roofing and cladding. Its high-performance colour coating is engineered to resist fading, cracking, and peeling, ensuring a vibrant, long-lasting finish with minimal maintenance. Available in a range of premium shades, each sheet is protected with a guard film during transit and installation to preserve its flawless appearance. Backed by a 10 year warranty, Colour Pro+ combines superior corrosion resistance, lasting aesthetics, and dependable performance, making it the ideal choice for modern steel building applications.



SPECIFICATIONS

- Thickness (mm): 0.20 – 2.0mm
- Width (mm): 600 - 1600
- Substrate: Al - Zn alloy steel coil form
- Coating Mass: 70 – 200 GSM
- Hardness (HRB): 55 - 65 Soft, minimum 85 for hard
- Guard Film: Optional (microns) 50µ -70µ (Customized also)

Chemical & Mechanical Properties

Property	Composition	Value / Range	Technical Impacts
CHEMICAL PROPERTIES	Carbon (C)	0.02 – 0.15 %	Low carbon for better formability
	Manganese (Mn)	0.20 – 0.60 %	Improves strength and toughness
	Silicon in Base Steel (Si)	≤ 0.05 %	Controlled for coating quality
	Sulphur (S)	≤ 0.04 %	Lower sulphur improves ductility
	Phosphorus (P)	≤ 0.04 %	Controlled for toughness
	Aluminum in Coating (Al)	~55 %	Provides excellent corrosion and heat resistance
	Zinc in Coating (Zn)	~43.5 %	Provides sacrificial corrosion protection
	Silicon in Coating (Si)	~1.5 %	Enhances coating adhesion
	Paint Coating	Polyester / SMP / PVDF / PU	Provides colour, UV, and weather resistance
MECHANICAL PROPERTIES	Yield Strength	250 – 550 MPa	Depending on base steel grade
	Tensile Strength	280 – 550 MPa	Good ultimate tensile strength
	Elongation	18 – 35 %	Good ductility and formability
	Hardness	55 – 90HRB	Depending on temper and coating
	Formability	Good	Suitable for roll forming and bending
	Corrosion Resistance	Very High	Due to Al-Zn coating and paint layer
	Heat Resistance	Excellent	Better than conventional GI sheets
	Surface Finish	Smooth / Coloured Finish	Decorative and protective appearance

ADVANTAGES



- **Anti-Corrosion Excellence:** Advanced anti-corrosion technology revents premature rusting and enhances roof lifespan.
- **10 Year Warranty:** Ensures lasting performance and enduring beauty.
- **BIS Certified:** Reflects commitment to world-class quality and standards.
- **Strength:** Minimum yield strength of 550 MPa with optimal weight balance.
- **Quality Assurance Protocols:** Stringent quality checks ensure consistent reliability and performance.
- **Advanced Coating Technology:** Resists cracking and peeling, maintaining a vibrant 'just-installed' appearance.
- **Cool Roof Technology:** Reduces infrared radiation absorption by up to 25% for improved comfort in high-temperature regions.

APPLICATIONS

Colour Pro+ is widely used across multiple industries due to its corrosion resistance, durability, aesthetics, and low maintenance needs.

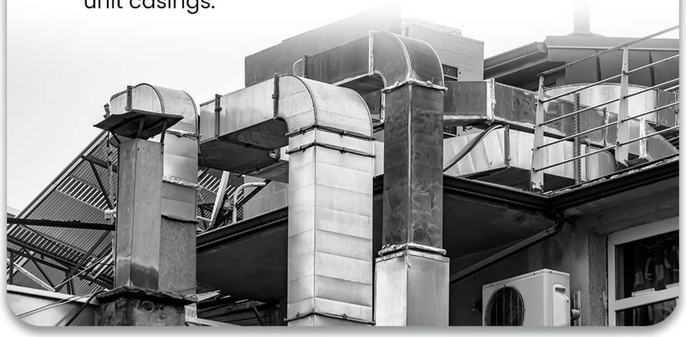
BUILDING & CONSTRUCTION

Roofing sheets, wall cladding, sandwich panels and prefabricated buildings.



HVAC INDUSTRY

Air ducts, ventilation panels, air handling unit casings.



COLD STORAGE & INSULATED PANELS

PUF panel skins for cold storage, clean rooms and refrigerated transport.



SOLAR MOUNTING STRUCTURES

Solar panel mounting structures and solar roofing systems.



AUTOMOTIVE & WHITE GOODS

Appliance bodies, panels and trims for automotive and consumer durables.



AGRICULTURE SECTOR

Poultry sheds, greenhouses, grain silos and storage units.



FROM COIL TO **COATED EXCELLENCE**

Tracing the path of steel as it evolves into premium coated products designed to withstand the toughest environments.

01 PICKLING

The steel surface is thoroughly cleaned to eliminate impurities and ensure optimal coating performance.



02 COLD ROLLING

Cold rolling refines the steel by reducing its thickness and improving its mechanical properties and surface.



03 ANNEALING

Controlled heat treatment restores ductility and enhances the steel's formability for further processing.



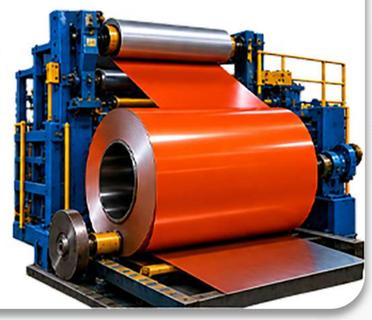
04 AL-ZN COATING

A protective Aluminium and Zinc coating is applied to enhance corrosion resistance and extend the product's service life.



05 PPGL

A pre-painted coating enhances visual appeal while providing an additional layer of protection.



06 COLOUR COATED COIL

Finished Product



ZERO **COMPROMISE**

Every batch of Colour Pro+ undergoes an exhaustive suite of laboratory tests to ensure flawless uniformity, structural integrity and enduring colour brilliance before it ever leaves our facility.

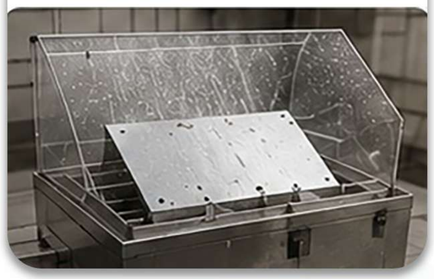
DRY FILM THICKNESS TEST



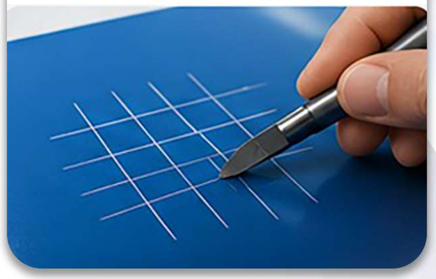
SPECULAR GLOSS TEST



SALT SPRAY TEST



ADHESION TEST



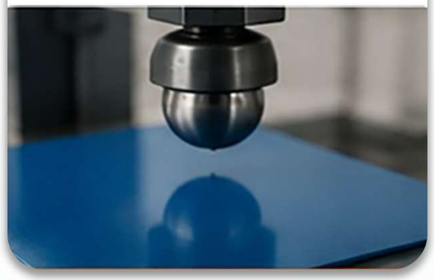
T-BEND FLEXIBILITY TEST



TEST-SCRATCH RESISTANCE, SOLVENT RESISTANCE, CUPPING, CROSS HATCH



IMPACT RESISTANCE TEST



PENCIL HARDNESS TEST



HUMIDITY RESISTANCE TEST



UV WEATHERING TEST



JINDAL

PANTHER COLOUR PRO+

CONTACT US:

1800 208 2008

www.jindalpanther.com

TRUSTED LEGACY | ADVANCED TECHNOLOGY | SUSTAINABLE PRACTICES | CUSTOMER CENTRIC | NATION BUILDING