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JSW Steel Ltd. - CIN: I27102mh1994plc152925 JSW Steel Coated Products Ltd.- CIN: U27100mh1985plc037346





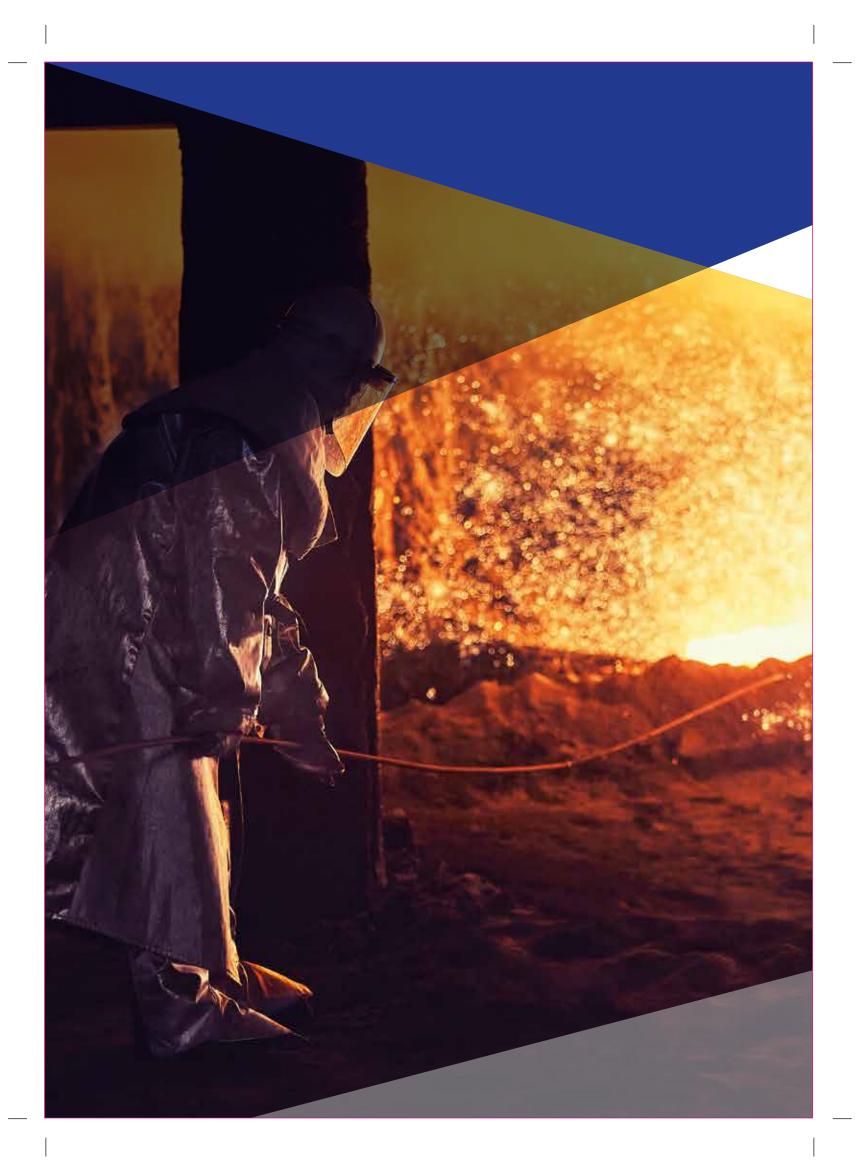


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A \$13 billion conglomerate, with presence across India, USA, Italy, South America & Africa. The JSW Group is a part of the O.P. Jindal Group with strong footprints across core economic sectors, namely, Steel, Energy, Infrastructure, Cement, also in Ventures and Sports. The Group is paving the way for India's development as a global superpower.



JSW Steel is India's leading steel producer and among the world's most illustrious steel companies, It is one of the fastest growing companies in India with state-of-the-art manufacturing facilities located across the nation.

ISW Energy is one of the earliest private entrants into the power sector positioned strongly as a full-spectrum integrated power company with a presence across the power sector value chain. It is one of the most efficient Power Companies in the country. It is one of the country's largest open cast mining operation by volume and one of the largest private sector Hydro Operators in India.





ISW Cement creates the building blocks of India with its environment friendly products. JSW Infrastructure is contributing to the nation's development by providing world class services to clients through state of-the-art ports, terminals, shipyards and other facilities.









JSW Sports runs the Sports Excellence Program (SEP) to identify, nurture and develop Indian athletes to ensure that they bring sporting glory to the nation on the global stage. JSW Sports also runs the Bengaluru Footbal Club, Delhi Capitals cricket team and the Haryana Steelers kabaddi team.

Spread over 42 acres in Vijayanagar, Karnataka, The Inspire Institute of Sport (IIS) is a unique initiative led by the JSW Group. It is India's first privately-funded High Performance Training Centre that trains talented young athletes across five Olympic disciplines - wrestling, boxing, judo, athletics and swimming.

JSW Foundation, the Group's CSR and Sustainability arm, is in constant pursuit of making life better for communities with its various initiatives in the fields of health, education, livelihood and sports, along with art and culture. The JSW Group is committed to creating more smiles at every step of the journey. JSW Group is proud to be charting a course to excellence that creates opportunities for every Indian and leads to the creation of a sustainable, dynamic and developed nation.



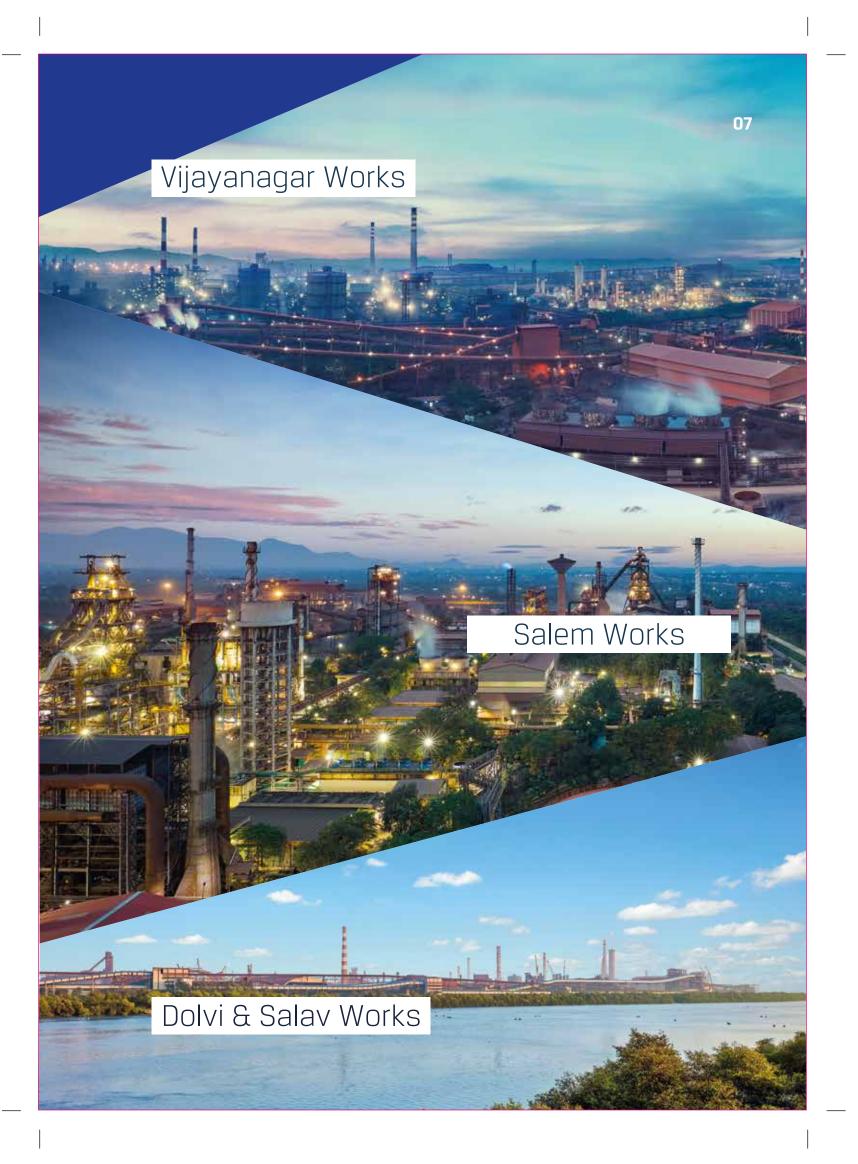


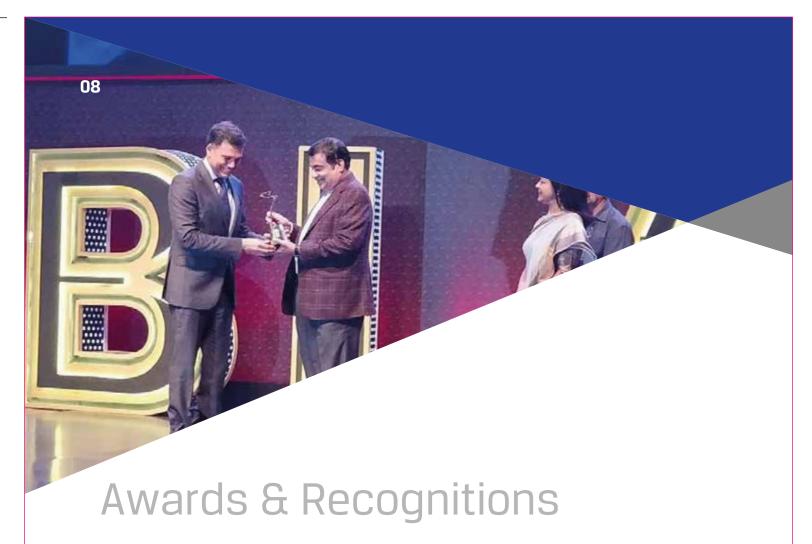
JSW Paints is a greenfield venture of the JSW group backed by cutting-edge technology, automation and scale that is comparable to leading players in the Indian paints sector. The company manufactures and markets both industrial coatings as well as decorative paints. In the Decorative paints segment, the company offers a complete range of only water-based paints for various surfaces in Interior & Exterior walls and also for wood & metal surfaces.

JSW Ventures is an early-stage, tech-focused, venture capital fund of JSW Group. JSW Ventures extends its partnership not just through capital, but through a commitment to build exceptional companies by developing growth strategies, improving financial functions, and providing access to the investor community and support from JSW Group's extensive resources.









Business & Operations

IIM National Sustainability Award under the 'Large Integrated Steel Plants' category, 2019 CII Prestigious National Supply Chain and Logistics Excellence (SCALE) Award, 2019

CII Exim Bank Awards for Business Excellence, 2018

The 25th Steel Minister's Trophy for the best performing integrated steel plant, 2016-17 IMC RBNQA Performance Excellence Trophy, 2016

Management

BHEL Best Supplier Award, 2019
Business Standard CEO of the Year Award, 2018
Outstanding Business Leader of the Year CNBC-TV18, 2018
Chief Finance Officer of the Year, 2018

Sustainability

Sustainability Performance in Corporate Governance & Sustainability Vision Awards, 2020 Environmental Responsibility / Stewardship award by Fastmarkets AMM, 2019

Ability Champion Award, 2019

CII 19th National Award for Excellence in Energy Management, 2018

Apex India Energy Efficiency Award, 2018

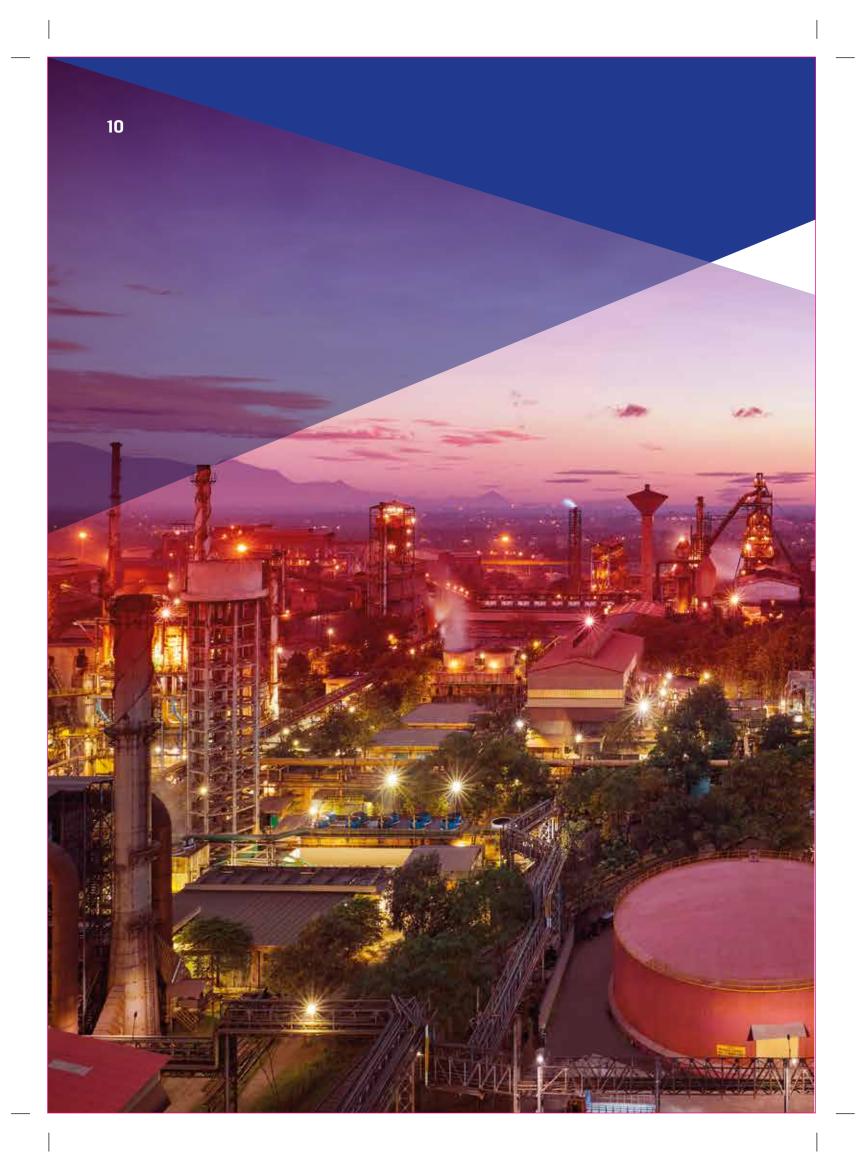
Golden Peacock Environment Management Award, 2018

CII - National Energy Management Award, 2017



JSW Steel wins the prestigious Deming Prize for its excellence in TQM.

The JSW Vijayanagar Works is the largest single location integrated steel plant in the world to be awarded the prestigious Deming Prize for excellence in Total Quality Management (TQM) presented by the Union of Japanese Scientists and Engineers (JUSE).





Setting Benchmarks

- First continuous annealing line in India
- Widest Cold Rolling Mill (upto 1870 mm width)
- India's largest Coated Steel producer
- First Licensee Galvalume® producer in India
- JSW Steel Salem works is the largest integrated Alloy and Special Steel plants in India
- One of the widest Hot Strip Mills in India
- India's most modern and largest Vertical Caster-300/260/220 x 2200 mm
- India's only Multi-Radii Bloom Caster operational at Salem works
- ZERO EFFLUENT discharge for greener & cleaner environment
- India's largest Long Steel producer by installed capacity





JSW Steel Coated Products Ltd.

JSW Steel Coated Products Limited is 100% subsidiary company of JSW Steel, having state-of-the-art manufacturing facilities in the state of Maharashtra, MP & Tarapur plant is specialized in manufacturing Punjab.

JSW Steel Coated Products Ltd. is India's largest manufacturer and exporter of Coated Steel as well as Colour Coated Steel. The production facilities, Tarapur and Vasind Works, are located in the vicinity of major ports. The company's Kalmeshwar Works is centrally located near Nagpur to serve across regions.

JSW is an ISO 9001: 2008 Certified Organization and the first licensee producer for Galvalume® in India. The Tarapur plant is specialized in manufacturing ultra-thin Coated Products. The company is also a manufacturer of appliance grade Colour Coated products. JSW's Kalmeshwar Works is the first producer of Galvanized and Colour Coated Steel in India. JSW also has established India's first Appliance Grade Line to manufacture Pre Coated and Vinyl Coated Metal.

Manufacturing Facilities

Tarapur Works

JSW's Tarapur works is the largest coated steel plant in a single location specializing in the manufacturing of ultra-thin coated products. The plant offers coated products catering to several sectors and located about 100 km from Mumbai. The plant produces Pre-Painted Galvanised / Galvalume, Galvanised, and Bare Galvalume steel. It has a unique service center facility to meet the customised requirements of various segments. The plant has a zero discharge facility having multi-effect evaporator system for effluent treatment.

Kalmeshwar Works

JSW Steel Kalmeshwar works is centrally located 30 kms from Nagpur to cater the requirements from all regions. It has galvanising capabilities to produce higher thickness and higher coating. The strict adherence to standards of excellence in quality has lead to attain many world renowned certifications to Kalmeshwar works. JSW Kalmeshwar works is India's first coated steel manufacturing facility. It produces Galvanised, Galvalume, Pre-Painted Galvanised / Galvalume steel.



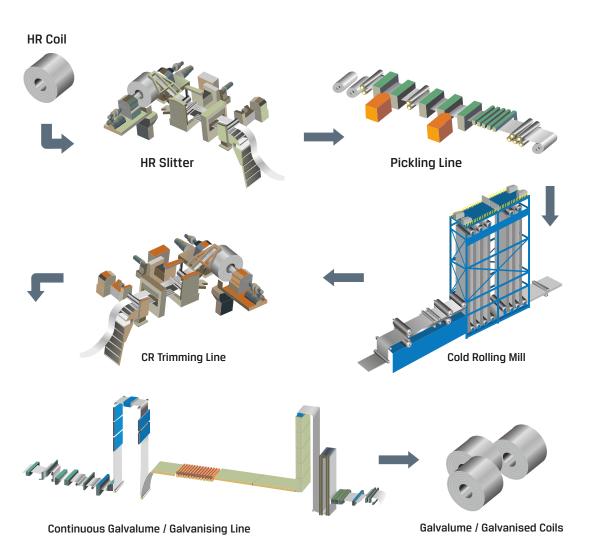
Vasind Works

Vasind works is located 70 kms from Mumbai. It is a full fledged complex with Cold Rolling, Galvanising and Colour Coating facilities. Vasind works has India's first appliance grade Colour Coating line, the grades of this line are approved by major white good manufacturers. It sources HR steel from Dolvi & Vijayanagar works to manufacture value added steel products.

Manufacturing Process

the Zinc which provides Galvanic corrosion resis- and pitches and can be employed for walls. It is tance and the Aluminium which provides barrier recommended for any new building where costcorrosion resistance. This product was discovered effective maintenance for the roofing system is by Bethlehem Steel Corporation after an extensive required. Excellent resistance to corrosion and research program. The unique microstructure of good heat reflectivity make Galvalume® steel the coating embeds Zinc-rich areas within an Aluminium preferred choice for a farm building, roofing, and rich matrix which allows Zinc to provide Galvanic siding applications. The appearance can be further protection and restricts its dissolution.

Galvalume® steel composed with a combination of Galvalume® steel can be used for roofs of all types enhanced with the use of a Pre-Painted Galvalume® sheet.



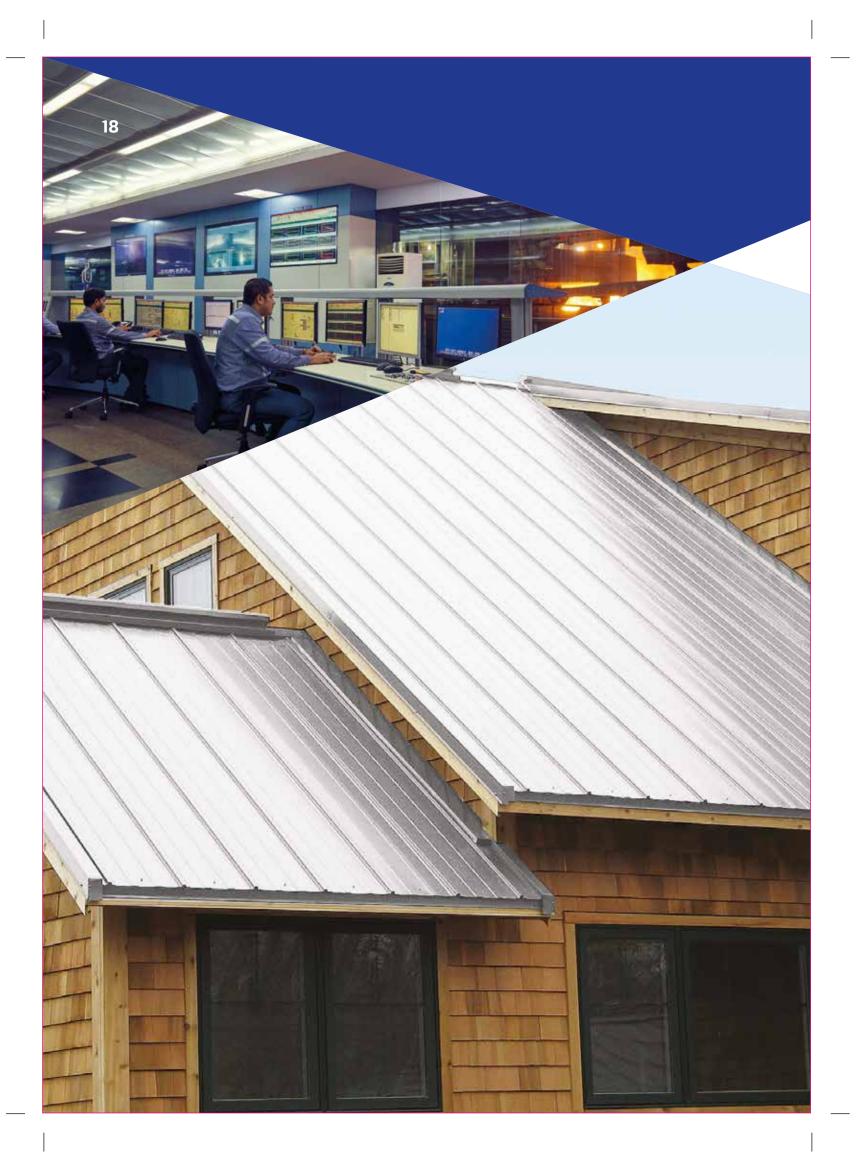




JSW Silveron+

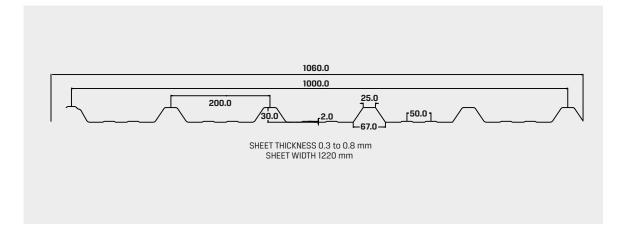
JSW Silveron+ is a premium category roofing sheet coated with alloy substrates, which contain Aluminum, Zinc, and Silicon. Equipped with Anti-Corrosion technology, It prevents early corrosion of steel and substantially increases the life of the product.

The substrates are applied with the hot-dipping process, which has proven superior resistance to corrosion. This makes it **more effective and lasting** than traditionally used Zinc coated steel sheets in a similar environment. Its lightweight appearance, excellent corrosion resistance, good heat-reflectivity, and protection from rupture make it an effective solution for roofing & wall profiles for residential, commercial, and industrial projects.



Technical Specifications

Referance Standard	Grade	Yield Strength (Mpa) Minimum	Tensile Strength (Mpa) Minimum	% Elongation Minimum	Thickness mm As per Standard	Width (mm) - Mill edge, Tolerance -0/+5 mm	Slit Width Tolerance -0/+0.5 mm	AZ Coating (GSM)
IS 15961	YS 300	300	340	20	0.30 TO 1.20 mm	1220 1250 1440 1550	As per customer Requirement	AZ150 AZ200
	YS 350	350	420	15	0.30 TO 1.20 mm	1220 1250 1440 1550	As per customer Requirement	AZ150 AZ200
	YS 550	550	550	NA	0.30 TO 1.20 mm	1220 1250 1440 1550	As per customer Requirement	AZ150 AZ200





The JSW Silveron+ Promise



Anti-Corrosion

It provides superior corrosion resistance scratch protection. Initial test results were confirmed by specific laboratory tests in various environments. Additional exposure data from licensees around the world confirm the product's superior corrosion resistance.



Optimum Temperature Management

The bright surface of the sheet ensures energy efficiency in buildings because of its reflectivity. It is an efficient heat shield that maintains a cooler temperature, leading to lower energy costs for the consumer.



Environment-Friendliness

As per the Environment Protection Agency, a rise in atmospheric temperature contributes to greater smog formation. JSW Silveron+high heat reflectivity lowers the atmospheric temperature by a few degrees, thus leading to low smog formation.





AL-Zn Coating

JSW Steel is the first licensee of Galvalume in India. Improved Al-Zn coated product offers longer life even in harsh weather conditions. Hence, the excellent life of JSW Silveron+ is an ideal choice for Roofing and Cladding applications.



All-weather Protection

It withstands all kinds of weather be it heavy rains, salty sea air, humid coastal climate, cold snow or heat.



Lower Cost of Maintenance

The **Anti-corrosion property** of JSW Silveron+ helps in enhancing the life of the roof, which leads to reduction in the cost of maintenance.



ISI Approved

JSW's Galvalume sheets are India's first ISI approved sheets in the category. It shows the commitment of JSW Steel Coated Products Limited towards manufacturing world class products.



Advanced Technology

JSW Steel uses the latest indigenous and international technology to manufacture steel and steel products. Additionally, it employs the best machinery to ensure the highest level of quality.

JSW Silveron+ Warranty

Now get Limited warranty of '7 Years' on JSW Silveron+

JSW Silveron+ sheets / Coils steel with a Al-Zn coating weight of minimum 150 GSM, Acrylic Coated (AFP passivated) sold for use of unpainted roofing and siding panels will not rupture, fail structurally or perforate due to exposure to normal atmospheric conditions,





- Rupture, perforation or structural failure caused by any reason other than corrosion due to exposure to normal atmospheric conditions.
- JSW Silveron+ sheet/Coils steel sold as secondary or non-prime material.
- Sheet exposed to salt water or marine atmosphere, wet storage, over corrosive environments, corrosive chemicals, fumes, ash, cement, dust or animal waste.
- Exclusion and situations such as roof lower than 15°, mechanical, chemical, or other damage sustained during transportation, shipment, handling, storage, forming, embossing, punching, press braking and fabrication during or after installation, physical damages, abuse, misuse, negligence, vandalism, settlement, shrinkage, distortion, warping or cracking of substructure of material
- Improper roll forming, abrasion, scouring or cleaning procedures, stored for a period exceeding over 6 months
- Improper storage and handling, edge corrosion or misapplication, damage caused due to of falling objects, fire, explosions and natural disasters etc.

Inspection and Notice of Claim

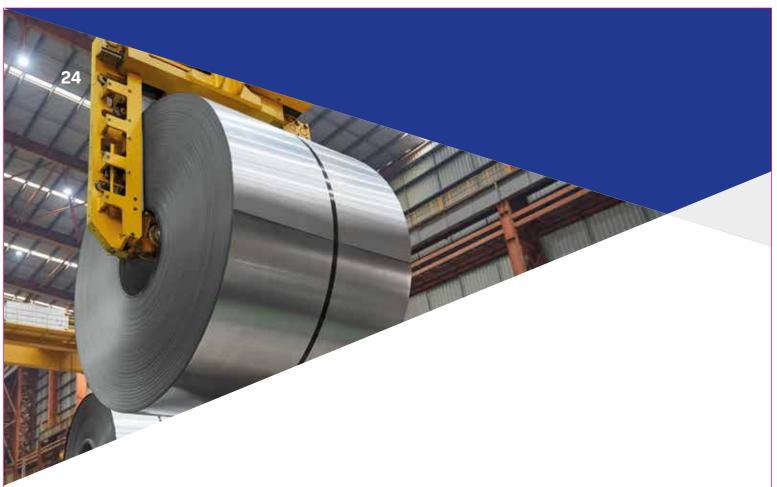
- Any claim under this Warranty must be presented during the Warranty Period with the procedure of written notice within thirty days to the registered address accompanied with the Coil / Item number, bill of lading, packing List, Certificate of origin, Seller's Contract, Invoice and Place & Date of installation etc.
- Buyer shall not allow anyone else to repair, replace, remove, alter or disturb the nonconforming or defective GALVALUME® sheet provided.

Exclusive Remedy

If it is determined that the claim is covered under the Warranty, the Buyer's exclusive remedy shall, Any determination as to whether the claim is covered by the Warranty or what constitutes the appropriate method for remedying the nonconformance will be made by the Seller after consultation with the Buyer.

For more detailed information on JSW Silveron+ warranty, please connect with nearby distributor





Storage, Handling and Maintenance

Make sure that sheets are stored indoors in a clean and dry area. The sheets should be placed on a balanced surface or resting on the wooden blocks. Wear clean dry gloves. Do not keep your sheets in an open area. Avoid compactly packing your sheets to provide enough breathing space for air circulation. Avoid walking on the roofing sheet with hard shoes to prevent it from damaging. Avoid direct contact of sheets with wet lime, cement or soil. Ensure that dust and debris do not settle on the sheet. Dust it with a broom and wash it with water

Marking & Packaging

Marking, in concept, leads to product accountability and verification at the time of production, transportation and delivery. Considering the vast product range at JSW, labelling practices ensure a foolproof identification and traceability.

Mark of Ingenuity

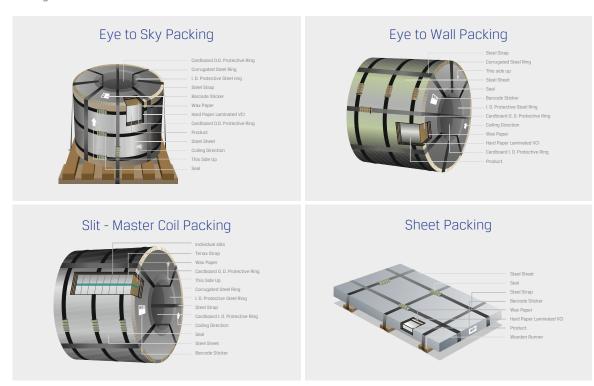
Brand Variant	Liner Marking Standard				
JSW Silveron+	JSW Silveron+ THK MM AZ 150				
JSW Sliveron+	JSW Silveron+ THK MM AZ 200				

Please find below marking on your product

JSW SILVERON+ THK MM AZ-150/200 GALVALUME [ISI] 15961 BIS APPROVED P DD MM YY

(P is a Location Code, V - Vasind, T - Tarapur, K - Kalmeshwar, R - Rajpura, I - Indore, VJ - Vijayanagar)

JSW offers effective packaging as per your requirements and complies with international norms. Emphasis is placed to ensure durability, prevention of any damage during transportation, and better storage.





Sales Offices

Ahmedabad

Office no. 501 & 502 Mondeal Heights, B-wing Iscon Cross Road, Near Novotel Hotel, opp. Karnavati Club, S. G. Highway, Ahmedabad-380 054 Mobile: 09427334449 Tel: 079-49000270/271/272/273/274/275

Bengaluru

The Estate, 3rd Floor, West Wing, 121, Dickenson Road, Bengaluru - 560 042 Tel: 080-42448888

Chennai

5th Floor, KRM Plaza, No. 2, Harrington Road, Chetpet, Chennai - 600 031 Tel: 044-28297420, 28297422

Coimbatore

T. V. Swamy Road (West), Coimbatore - 641 002 Tel: 0422-2541870

Delhi

NTH Complex (4th Floor), A-2, Shaheed Jeet Singh Marg, Qutub Institutiuonal Area, New Delhi – 110016 Tel: 011-48178600 | Fax: 011-48178699

Faridabad

Piyush Global I Building 1st Floor, Plot No.5, Opposite Escorts Mujesar Metro Station Main Mathura Road, NH-2, YMCA Chowk, NIT Faridabad - 121006, Haryana Tel: 0129-2239248, 2232387

Noida

14A, Industrial Area, Buland Shar Road, Ghaziabad - 201 009 Tel: 0120-3262875, 2867142

Guwahat

106, 3rd Floor, Meer Market, Maszid Lane, Kamarpatty, Guwahati - 781 001 Tel: 0361-2730054

Hyderabad

Babukhan Millenium Centre, 63-1099 /1100, 7 th Floor, Block - A, Somajiguda, Hyderabad - 500082 Tel: 040-27846669/79

Indore

3rd Floor, Lakshya Badgara, 13/1, New Palasia, Near Curewell Hospital, Indore - 452 001 Tel: 0731-2532156/57/58/59, 4043613

Jaipur

Evershine Tower, F-1, 705, 7th floor, Amarpali Circle, Vaishali Nagar, Jaipur - 302 021 Tel: 0141-4026760/62/63/64



Kolkata

Godrej Waterside, 10th floor, Tower - 1, Unit No. 1003, Block - DP, Plot - 5, Sector V, Salt Lake City, Kolkata - 700 091, Tel: 033-40002020 | Fax: 033-40002021

Ludhiana

109, Modelgram, Near Kochar Market, Opp. Malwa School, Ludhiana - 141 002 Tel: 0161-6578944, 6450816

Mumbai

Grande Palladium, 6th Floor, 175, CST Road, Kalina, Santacruz (East), Mumbai - 400 098 Tel: 022-61871000

Nagpur

Poonam Plaza, Palm Road, Civil Lines, Nagpur-440 001 Tel: 0712- 2520333

Patna

1, Tilak Nagar East, Behind Patna Diesel, Kankarbagh, Patna - 800 020 Tel: 08002230517

Pune

Epicentre, 2nd Floor, CTS No. 4/6, Above Royal Enfield Showroom, Shivajinagar, Wakdewadi Pune - 411005 Tel: 020-64104547, 27111427

Rudrapur

Plot No. 264, By Pass Road, Village Kishanpur, Kichha, District Udam Singh Nagar, Uttrakand - 263 148 Tel: 05944-263290

Middle East Office

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JSW Steel Italy

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