



NEUCOLOR+

CUSTOM COLOUR COATED COILS & SHEETS





NEUCOLOR⁺

**NEW AGE PRODUCT FROM
OUR COLOUR-COATED LINE**





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Our Vision

“To uphold our glorious legacy and create new industry benchmarks with excellence in quality and dedication towards building a stronger tomorrow”

Our Mission

“Constantly update our production capacity & upgrade our product quality to become leaders in the industries we serve”



About Us

As one of India's leading conglomerates, Jindal (India) Limited is engaged in a diverse portfolio of businesses which have achieved rapid growth over the years. The group was founded in 1952 by Shri B.C. Jindal, and back then the company began its operations as a manufacturer of Steel Pipes and Pipe Fittings.

Since then, the group has diversified into the manufacturing of concentric diversification of Packaging Films, Power Generation, Cold Rolled Steel Strips, GPGC Sheets, Jindalume (Aluminium-Zinc Coated) Coils and Sheets, Pre-painted Color Coated Coils and Sheets (SABRANG & NEUCOLOR+), Metal Crash Barriers, Aluminium Foils, API Coated Pipes, and more.

When we claim to be part of the growth story of the Indian Steel Industry from the very beginning, we claim it with a solid foundation of 70 years in this industry. As a renowned producer of Galvanized Plain & Corrugated Sheets, Galvalume, and Colour Coated Coils & Sheets, we have earned the trust of our customers across the globe, from Latin America to countries in the Far East.

With a wide product range starting from ½" and going up to 20", Jindal India has become a significant player in the ERW Galvanized & Black Pipe segments, successfully serving some of the biggest players in the Oil & Gas industries with supplies of pipes up to APIx70 grade. Another highlight from our product portfolio is the Aluminium Foil.

We have the backing of being the only manufacturer in the country to produce foils with 5-micron thickness and are soon going to be the only producers of 4-micron thickness foils, making us one of the pioneers of the Aluminium Foil industry in India. We have made an effort to employ the best technology ensuring the widest product range with the finest quality. With our constantly developing product portfolio and consistent up-gradation, we strive to win the confidence of our customers all over again, all while upholding our illustrious legacy.



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ABOUT

NeuColor+

Jindal NEUCOLOR+ is an advanced technology-enabled color steel sheet for the building and construction industry best suited for applications that demand high durability. It has been designed to provide the legendary strength of Jindal Steel combined with better aesthetics for that awesome visual appeal.

Jindal (India) Limited's NEUCOLOR+ is a high-end product that boasts an extended product lifespan. It is equipped with advanced technology that incorporates SMP, SDF, and PVDF, as well as RMP, in its painting process. This unique coating allows NEUCOLOR+ to endure for many years. The superior corrosion resistance of Jindal NEUCOLOR+ makes it an ideal option for projects that demand exceptional durability for roofing and wall cladding. Furthermore, its exceptional all-weather features make it the perfect choice for premium projects that require both long-lasting durability and an impressive appearance.

Jindal NEUCOLOR+ features a distinctive coating that reduces heat absorption, thereby enhancing insulation beneath the roof and minimizing energy consumption. Moreover, the roof's maximum temperature decreases significantly, ensuring a comfortable environment. The paint's exceptional composition, comprising SMP, SDF, PVDF, and RMP, offers unparalleled durability under severe UV radiation, preventing chalking and fading over extended usage.

NEUCOLOR+ offers a vast spectrum of colors to cater to the creativity of architects, builders, and owners alike. These captivating colors create a unique and visually appealing appearance, making any building stand out. Its versatility and lightweight properties make it an excellent choice for those seeking a dream product that can deliver both performance and beauty.



PRODUCT Highlights



ADVANCE PAINT TECHNOLOGY

NEUCOLOR+ advanced technology employs SMP, SDF, and PVDF, as well as RMP, in the painting process, resulting in a unique coating that ensures its longevity.



15 YEAR WARRANTY

NEUCOLOR+ by Jindal (India) Limited is a premium product that offers a 15-year warranty, providing you with long-lasting durability and peace of mind.



ALUMINIUM ZINC COATING

Jindal India has established itself as a prominent producer of Galvalume in India, known for its exceptional quality and durability. The Galvalume products utilize advanced coating technologies that provide superior resistance to corrosion enabling your roof to maintain its strength and appearance for an extended period.



ISI APPROVED

The ISI certification is a testament to the product's outstanding quality and serves as proof of Jindal India's unwavering dedication to producing world-class products. With the NEUCOLOR+ Colour Coated sheet, you can be assured of its durability and aesthetic appeal, making it a superior choice for a range of applications, from roofing to cladding.



WIDE RANGE OF COLOUR CHOICES

NeuColor+ is available in a wide range of colours to match the architects, builders, and owners' creativity. These eye-catching colours create a look that makes it stand out.



PRODUCT

Highlights



HIGH DURABILITY

Higher corrosion resistance makes Jindal NEUCOLOR+ suited for applications where high durability is required for both roofing and wall cladding. Its excellent all-weather character makes it an ideal choice for premium projects which have to withstand harsh environmental conditions over an extended period of time.



LESS ENERGY REQUIREMENT

The special coating on Jindal NEUCOLOR+ helps absorb less heat resulting in keeping the space below more insulated from direct sun. This translates into lesser energy consumption. The maximum temperature of the roof also goes down significantly.



RESISTANCE TO COLOUR CHANGE

The unique composition of the paint includes SMP, SDF, and PVDF in addition to RMP that do not break down easily even under severe UV radiation, thus preventing fading and chalking, and long usage.



ARCHITECT'S & USER'S DREAM

NEUCOLOR+ is a dream product for architects, builders, and owners offering a strong and aesthetically pleasing product for any type of building and conditions. It's very versatile and lightweight making it an ideal choice.



ALL WEATHER PROTECTION

It can withstand even the most extreme weather conditions. From heavy rains and salty sea air to humid coastal climates, cold snow, or scorching heat, this product remains steadfast in its durability.



WIDE RANGE OF

Colour Choices

Jindal NEUCOLOR+ breathes life into every user's dream projects with its wide range of eye-catching colour variants. From subtle hues to bold shades, our colour options are designed to elevate buildings' aesthetics.

COLOUR MATRIX

						
Off White	Turquoise Blue	Sky Blue	Royal Blue	Pepsi Blue	Brick Red	Wine Red
						
Mist Green	Turquoise Green	Hulas green	Environment Green	Caulifield Green	Seco Red	Pencil Grey

Additionally, we offer bespoke colour coats for customers who have specific colour requirements for their projects. These tailored colour coatings allow for a unique and personalized finish that matches the customer's desired colour scheme. Customers can now achieve a more cohesive and individualized look for their building, enhancing its overall aesthetic appeal.





Colour Coated Line Applications

ROOFING & CLADDING

NEUCOLOR+ distinctive paint coating not only gives it an aesthetically pleasing appearance but also enhances its durability to last for years together. Additionally, its low energy absorption capacity is excellent at reflecting heat and keeping the building cool in hot weather. This feature reduces the energy consumption of air conditioning units, thus making them an eco-friendly option. Furthermore, these sheets are lightweight and require minimal maintenance, making them a cost-effective solution for roofing and cladding applications.



CONSUMER GOODS

Jindal NEUCOLOR+ is also widely used in consumer goods due to its various benefits. These sheets not only enhance their appearance but also makes them durable and resistant to wear and tear. The low energy absorption capacity of NEUCOLOR+ steel sheets make them an ideal choice for products such as refrigerators, freezers, and other household appliances that require insulation. The sheets can help maintain a consistent temperature inside the appliances, thus reducing energy consumption and saving costs. Additionally, the sheets' aesthetic appeal adds a touch of elegance to the finished products, making them visually appealing to consumers. Overall, NEUCOLOR+ is a versatile and practical material for various consumer goods applications.



SANDWICH PANELS

NEUCOLOR+ Colour Coated Steel Sheets are an excellent choice for sandwich panels used in the construction industry. These panels are used for cladding, roofing, and insulation purposes in commercial, industrial, and residential buildings. NEUCOLOR+ sheets are resistant to corrosion, scratches, and other forms of wear and tear, ensuring the durability of the sandwich panel. The low energy absorption capacity of NEUCOLOR+ sheets also make them an energy-efficient solution for insulation purposes. These sheets are available in a variety of colours and finishes, allowing architects and builders to create aesthetically pleasing buildings with ease.

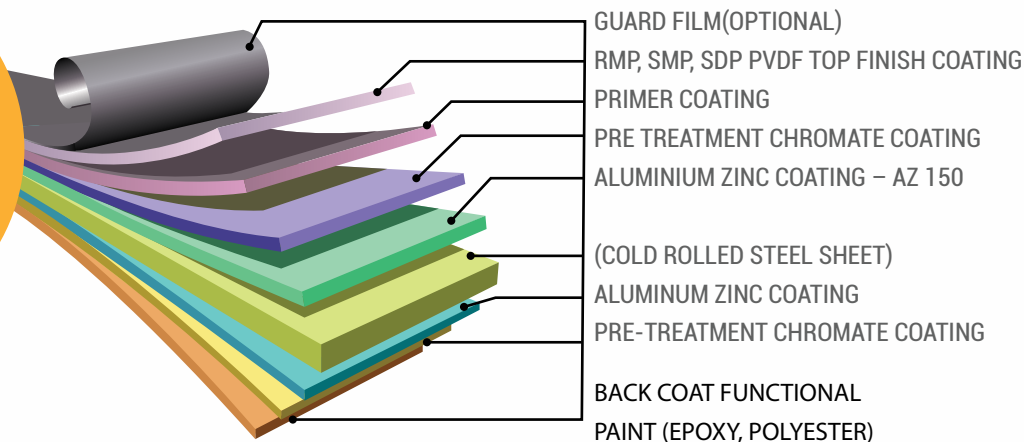




COLOUR COATED COILS & SHEETS

Technical Specifications

TECHNICAL SPECIFICATIONS



Thickness Range	0.20 mm – 0.90 mm
Width Range	900 mm to 1440 mm
Coating	AZ 150
Base Substrate	Alu Zinc Coated Steel
Primer	5 microns top , 5 microns back side
Top Coat	20 microns
Back Coat	5 microns
Colors	Top Coat - All colors as per customers requirement Back Coat - Jindal Grey (RAL 7035)
Paint System	RMP, SMP, SDP PVDF TOP FINISH COATING



COLOUR COATED COILS & SHEETS

Profile Specifications

TRIM TRAP PROFILE & DOUBLE RIB PROFILE

COMMON FEATURES

Thickness: 0.3 to 0.9mm

Surface Treatment: Guard Film, Application (optional)

Hardness: Available in 300 MPa and 550 MPa

Coating Type: RMP, SMP, PVDF, SDP

TRIM TRAP PROFILE

Cover Width: 1015/1218mm

Total Width: 1080/1283mm

Pitch: 203mm

Depth: 27.5mm

Number of Crests: 6/7

DOUBLE RIB PROFILE

Cover Width: 992.5/1191mm

Total Width: 1055/1254mm

Pitch: 198.5mm

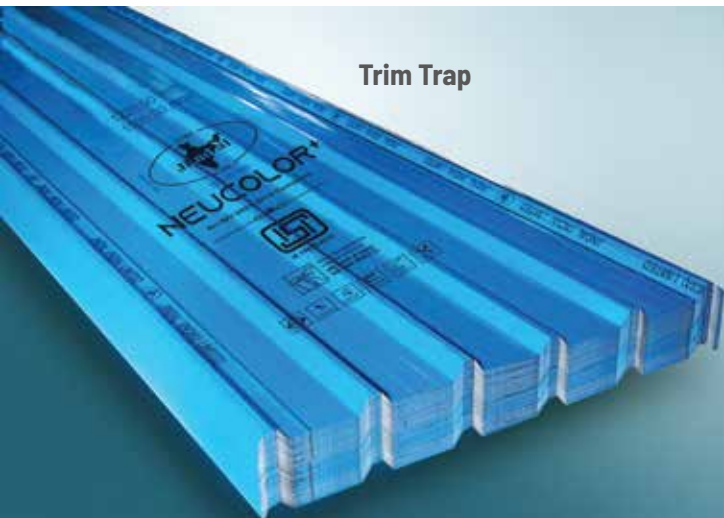
Depth: 30mm

Number of Crests: 6/7

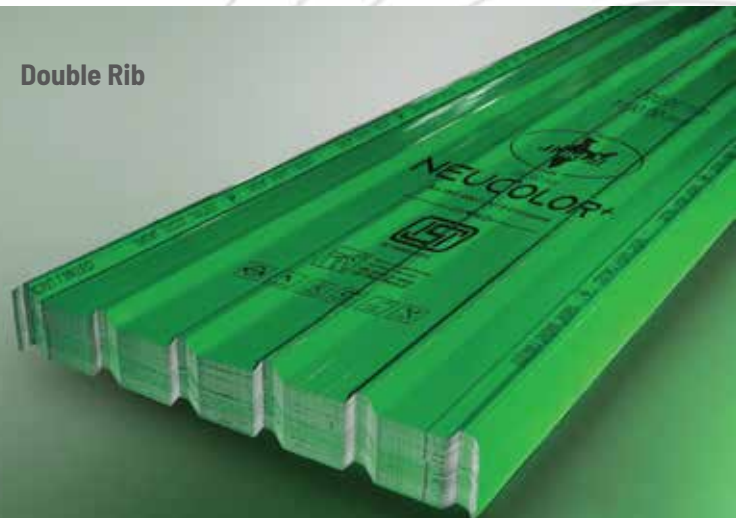
ADVANTAGES

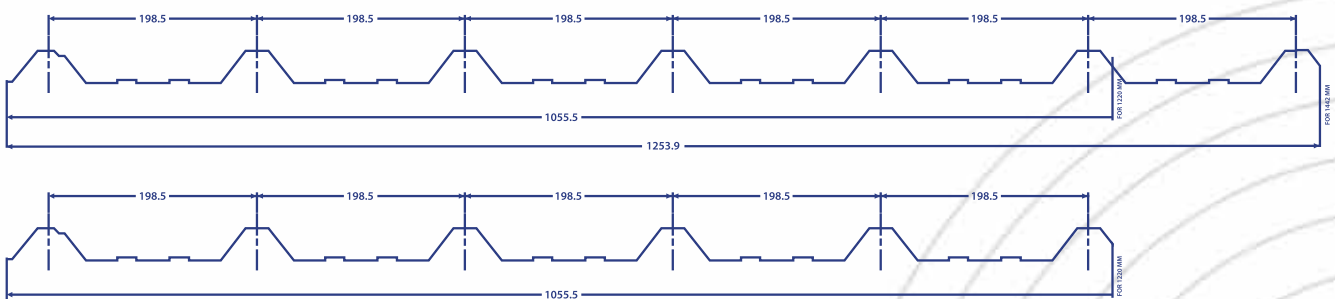
- Less no. of sheets required
- Withstands wind velocity of up to 180km/hr
- Reduced labour cost
- Improved strength and durability
- Advanced design for better strength
- Suitable for all weathers
- Perfect overlapping for ideal waterproofing
- Available in various colours and thickness
- High tensile strength 550 MPA+

Trim Trap



Double Rib





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Installation Guidelines

To ensure the best performance and longevity of your roofing sheets, it is crucial to follow these guidelines for proper installation:

- To prevent water leakages, avoid placing the grove portion on the outer side as it can create improper contact and make the roof vulnerable.
- Avoid direct contact between cement or cement foundations.
- Lime in cement can cause accelerated corrosion in metal fasteners.
- Remove metal fillings from sawing, drilling, and other construction processes during installation to prevent the formation of red rust on the surface of the panel.
- Red rust caused by metal fillings may result in stains or discolouration on the panel surface.
- Never install roof sheets during rain as they may become wet and slippery, which can cause damage to the sheets.
- Ensure that shoes worn during installation do not have small stones, steel drillings or other debris embedded in the soles.
- Prevent dirt accumulation on the sheets to maintain their appearance and functionality.

BY ADHERING TO THESE PROCEDURES, YOU CAN HELP PREVENT DAMAGE AND EXTEND THE LIFE OF YOUR ROOFING SHEETS.



STORAGE & Handling

For the preservation of the Colour Coated sheets, it is crucial to store them in a dry and well-ventilated area before their installation. Any storage method that permits water, such as condensation, to accumulate between the sheets can lead to severe harm to the coating, rendering it irreparable. Therefore, proper storage conditions are essential to ensure the longevity and quality of the Colour Coated Sheets.

DOES:

- ✓ To ensure proper storage, always keep the material in a dry, shaded, and well-ventilated area. This will help prevent any damage to the material.
- ✓ If the material is not needed for immediate use, be sure to provide adequate cover to protect it from environmental elements.
- ✓ In case the sheets become wet during storage, separate them immediately and clean the moisture off the surface with a clean cloth. To allow for air circulation, stack the sheets with gaps between them.
- ✓ To protect the material from ground moisture, always keep it slightly elevated by using a wooden or rubber plank. This will help prevent any damage caused by ground moisture.

DON'TS:

- ✗ Avoid keeping the material on a wet or muddy floor, including areas exposed to water or rain, to prevent damage.
- ✗ Prevent moisture or water penetration between the sheets through the wooden pallets as it can cause damage.
- ✗ Ensure that the packed coils are not exposed to water leaks to avoid any damage.
- ✗ Whenever possible, avoid metal-on-metal contact to prevent scratches or other damages.
- ✗ Keep the sheets away from contact with salt, water, corrosive chemicals, ash, fumes, plating works, kilns, fertilizers, and wet or green lumber.
- ✗ Do not slide sheets on a rough surface or over each other as it can cause scratches & damage.



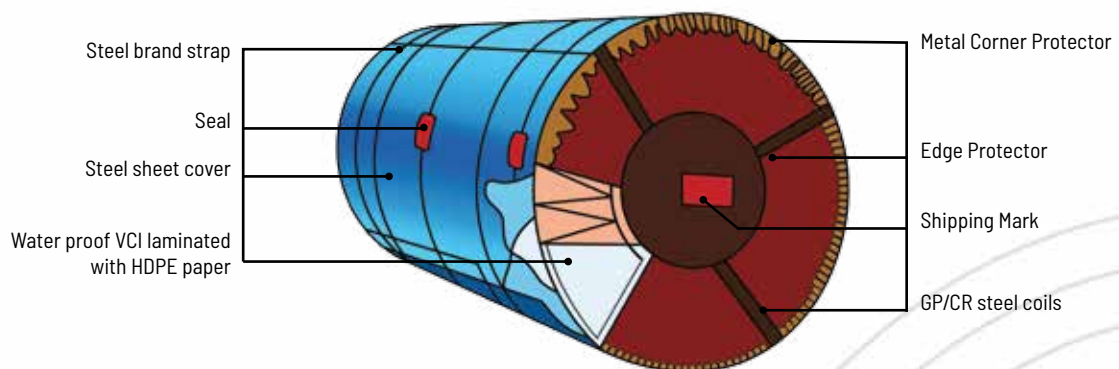
PACKAGING & MATERIAL

Handling

Coils are wrapped with VCI / HDPE packed with galvanized iron sheets on OD (outer diameter) and the side of the coils with high tensile steel strapping with a metallic seal. Eye-to-sky coils are kept on wooden skids. Sheets are stacked on wooden crates wrapped with VCI / HDPE material packed with galvanized iron sheets and tightened with packed bundles.

Export Packing: Steel coil in vertical form (eye to sky), horizontal coil form (eye horizontal), and sheet form are sent in containers as cargo from the plant (please see below). These containers are loaded, lashed, and choked in the plant based on the recommendations of the Shipping Line, under the guidance and strict supervision of our personnel.

In accordance with Quarantine Laws, wood, such as dunnage and crates are fumigated under the ISPM – 15 Standards with Methyl Bromide and/or is Heat Treated before being used. Special care is exercised to ensure the entire weight of the cargo is equally distributed on the floor of the container. This is then lashed and choked properly to withstand both road and sea transportation.





QUALITY CONTROL & Testing

Our utmost dedication to quality shows in every department, process, and product we manufacture. We ensure that nothing but the best gets delivered to our consumers. From research and development to production and delivery, stringent checks ensure that there is never a compromise on quality.

On-line inspections ensure adherence to the quality of our processes and help deliver high quality products that meet international standards. In addition to the on-line inspection, the quality of our material is measured by the following properties:

- **Hardness of the base metal**
- **Hardness & Gloss of paint**
- **Mechanical properties of base metal**
- **Flexibility of paint as 'T' bend Test**
- **Zinc Coating**
- **Impact Test of painted material**
- **180° Bend Test**
- **Solvent Rub Test as "MEK test"**
- **Paint coating thickness as DFT**
- **Computerized Colour Matching**

In conjunction with the above tests, long term tests are also carried out within a specified frequency.

- **Salt Spray Tests**
- **Humidity Test**
- **QUV Test**

Quality checks of raw materials are carried out prior to processing to ensure the integrity of the finished product.

During the colour coating process, we carry out visual inspections and laboratory tests of the sample, over and beyond strict on-line checks; once approved we issue warranty certificates for our products.

MARK OF Authenticity

One way to ensure that you are purchasing genuine NEUCOLOR+ products and are eligible for the 15-year warranty is to look for the unique liner marking on the product. This liner marking is a distinctive feature that is only found on authentic NEUCOLOR+ products. The presence of this marking guarantees that the product has gone through rigorous quality control and meets the high standards set by the manufacturer.

By purchasing products with genuine liner markings, customers can be confident that they are receiving a high-quality product that is backed by the manufacturer's warranty.



NEUCOLOR+ JINDAL INDIA LTD 0.50MM TCT PPGL AZ--150 550MPa ISI5965:2012

PLEASE CHECK FOR THE ABOVE LINER MARKING FOR GENUINE NEUCOLOR+ PRODUCTS.



Question#1: Can I use colour coated steel roofing sheets for my curved roof?

Answer: Yes, colour coated steel roofing sheets can be curved to fit the design of your roof.

Question#2: How do I choose the right colour for my roofing sheet?

Answer: Choose a colour that complements the overall design of your building and blends well with the surroundings.

Question#3: How does a colour coated sheet compare to other roofing materials in terms of cost?

Answer: Colour coated sheets are cost-effective compared to other roofing materials such as concrete or clay tiles. Due to its lightweight properties, it is easy to install and requires low maintenance.

Question#4: Can I install colour coated sheets on my own?

Answer: It is recommended to seek professional help for installation to ensure safety and proper installation.

Question#5: Are colour coated sheets eco-friendly?

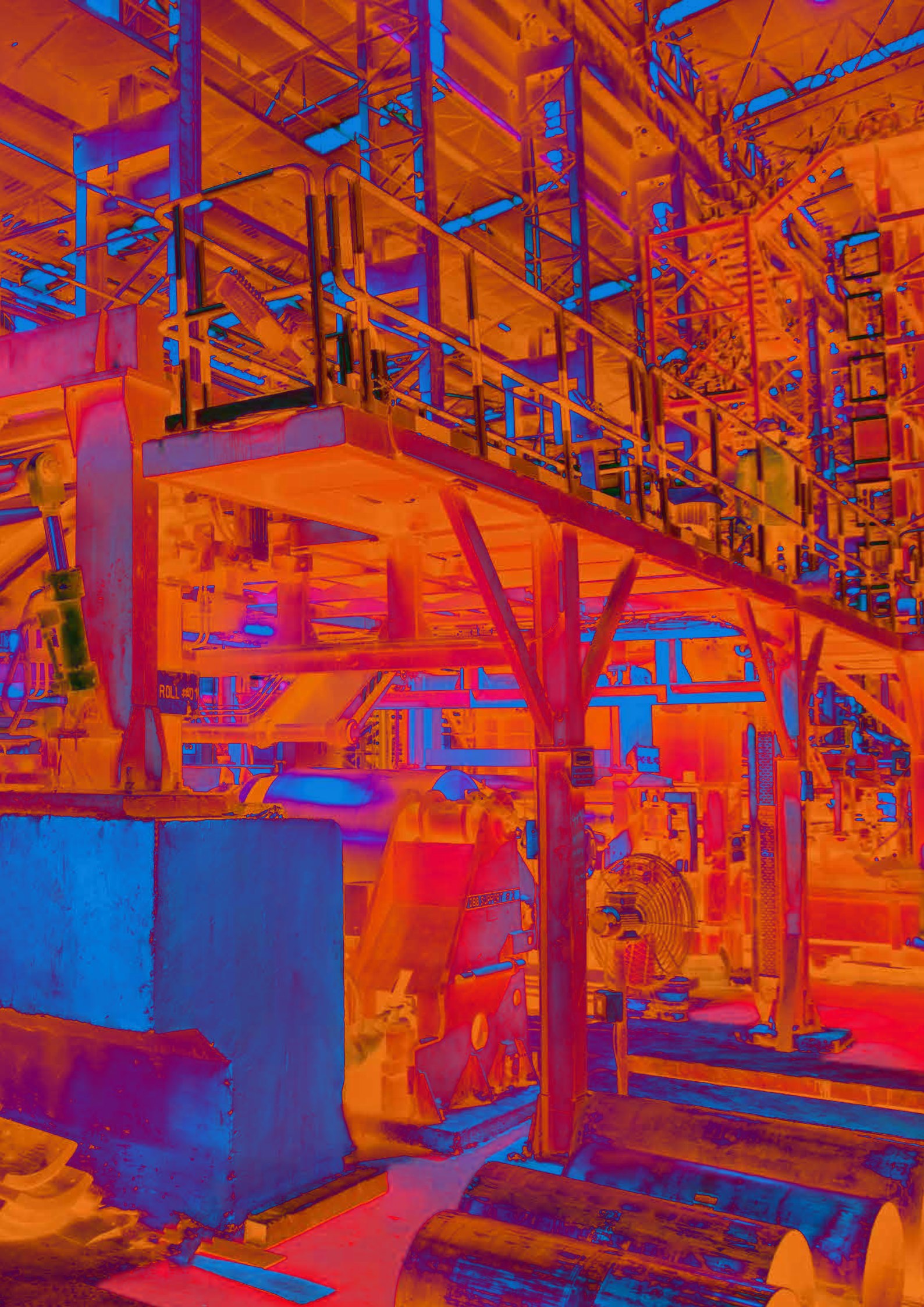
Answer: Yes, colour coated sheets are eco-friendly as they are 100% recyclable.

Question#6: What is the fire rating of colour coated sheets?

Answer: Colour coated sheets have a high fire rating, making them a safe choice for your building.

Question#7: Can I install solar panels on colour coated steel roofing sheets?

Answer: Yes, colour coated steel roofing sheets are suitable for installing solar panels.





JINDAL (INDIA) LIMITED

Sheets Division

For more information, or any further query, get in touch with us

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