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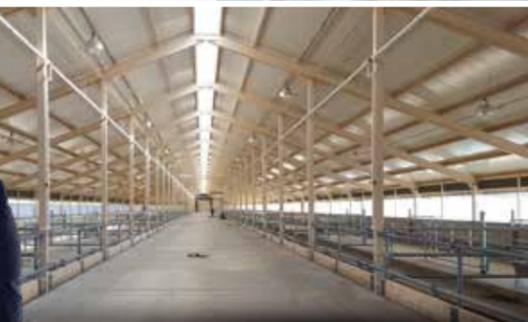
INDIA'S
No. 1
STRUCTURAL STEEL TUBE COMPANY

APLAPOLLO
NAV RANG
NARROW & THICKER COLOUR
COATED SHEETS



Head Office
36, Kaushambi, Near Anand Vihar Terminal,
Delhi (NCR) - 201010, India
T: +91-120 4041400 | F: +91-120 4041444
E: info@aplapollo.com

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COLOUR-COATED
STEEL SHEETS STRUCTURE SOLUTION
'NAYI SOCH' TO MOULD IT YOUR WAY



*India's No.1 by Market Share



Sudesh Group

Sudesh Group is India's leading Steel Tubes and PVC Pipes manufacturer with 14 plants across different locations in the country. It's a pioneer in steel tubes of different types and shapes. For over three decades, SG Group has been revolutionizing the Steel Tubes manufacturing industry.



APL APOLLO GROUP is India's largest manufacturer of steel pipes and tubes, with an annual capacity of more than 2.6 million tons. As a part of the SG Group, it caters extensively to India, and exports to over 20 countries globally. The company's vast distribution network is spread across the domestic region within warehouses and branch offices in 29 cities. Its structural steel tubes are applied in various load-bearing and building materials in housing and commercial construction infrastructure development.

Founded in 1986 in the capital city of Delhi, it has catapulted its growth over the last three decades by introducing a range of new products coupled with new technologies. Today, APL Apollo is an unrivalled pioneer of breakthrough innovations in the steel pipes industry.



APL Apollo has pioneered the manufacturing and development for structural steel solutions in India for many years.

One such product is the newly launched Apollo Navrang; the narrow width, high thickness colour coated coils/sheets with a designer concept. Apollo's initiative to Save the Earth with the GO Green Concept aims at the replacement of Wood with Steel Sections.

These pre-galvanised/Alu Zinc also known as Galvalume sheets provide a wide range of usage such as Warehouse Sheds, Residential and Commercial Building Rooftops, Open Door Frames, PEB Sheds, along with Infrastructure Industry like Roof Panels, Bus Roofing and Inner Body Panels, Shutter Patti, Purlins, Solar Panel Pedestals, Solar Panel Frames, Ducting, Dish Antenna, Automobiles components, Home appliances & Drums, Car Crash Barrier, Air Conditioner, Dish Antenna, Refrigerator etc. They also cater to the aesthetic value of any place with unique colour coatings like Light Blue, Off-White, Brick Red, Green, and Grey with designer finishes like Wood, Marble and Stone Finish and many more. The durable build and variety of colour make Navrang the perfect colour-coated steel solutions to mould it your way.



CONTINUOUS GALVANISING/ Alu Zinc LINE

Navrang has a Hot Dip Non OX Continuous Galvanizing/Alu Zinc Line also known as Galvalume Line from an upcoming leading machine manufacture YOGIJI DIGI, for a galvanized and Alu-Zinc product that is designed to process a thickness range of 0.3 mm to 3.0 mm with a 300-750 mm width. The line is integrated with inline 4 Hi Wet Skin Pass Mill and flex tension levelling, giving us the best surface finishing results.

Flawless outcomes are assured through its online tension leveller, coating measurement, and central automation controls.

CONTINUOUS COLOUR COATING LINE

In continuation of process equipment, the colour coating line is also made of YOGIJI DIGI, integrated with a catenary type oven with four zones for respectively prime & finish coat, along with Flex Type inline tension levelling with full fledged Chemical degreasing section. Its higher thickness continuous colour coating line uses coaters and cleaners to produce high quality coloured coils that stay protected even during transportation and storage. These are then used as reliable inputs for the infrastructure industry like Roof Panels, Bus Roofing and Inner Body Panels, Shutter Patti, Purlins, Solar Panel pedestals, Solar Panel Frames, Open-Door Frame, Ducting, etc.



ALU ZINC (KNOWN AS GALVALUME)

The alloy-coated product contains 55% aluminum, 43.5% zinc, and 1.5% silicon by weight. Made with the traditional hot-dipping process, Alu Zinc is a suitable match for applications that demand high corrosion resistance and heat reflectivity. It can also be used for construction, appliances, agricultural equipment, Solar Panels / Stands and several non-exposed automotive components.

Its shiny and uniform appearance with the Alu Zinc coating can be used even without needing a layer of paint over it, thanks to its anti-finger coating. This product is best suited for heating and ventilation applications. This product has better resistance to oxidation and can withstand temperatures up to 315°C without discolouration.

Alu Zinc (known as Galvalume) has a unique appearance similar to the matte galvanized metal. It possesses high levels of strength, outdoor corrosion resistance, and longevity. Despite its wide applicability, it is generally not used on concrete, mortar or other highly alkaline substances.

BASIC FEATURES

- Smooth surface and uniform appearance.
- A superior anti-fingerprint coating that looks better and lasts longer
- Surface treatment as per ROHS (Restriction On Hazardous Substance) norms.
- A wider thickness range with tighter tolerance to ensure precision in end applications
- High corrosion resistance and heat reflectivity.
- High temperature resistance and formability.

ADVANTAGES



Minimum Sheets Required



Increased Strength



Advanced Design



Right Overlapping



Better Waterproofing



Higher Yield Strength



Lesser Manpower Required

HIGHLIGHTS



Aesthetic



Pre-Painted



Galvanised / Alu Zinc
(known as Galvalume)



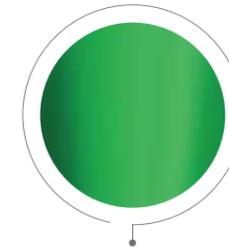
Edge Protection
with Coating



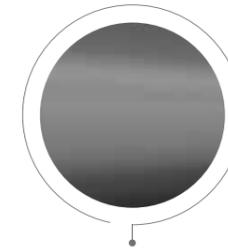
Maximum Durability

COLOURFUL AND DURABLE STEEL SHEETS, TO MOULD IT YOUR WAY.

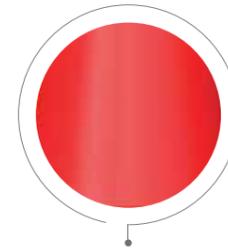
When a variety of colours meet the unmatched strength of steel, we find the best steel solutions for your infrastructures. These colour-coated sheets are what every space needs. Live life with more colour.



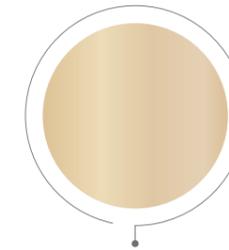
Bright Green



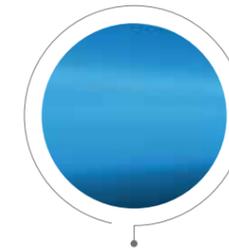
Graphite Grey



Brick Red



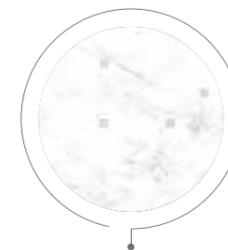
Off White



Light Blue



Wood



Marble



Stone

SPECIFICATIONS

300 - 750 mm Width

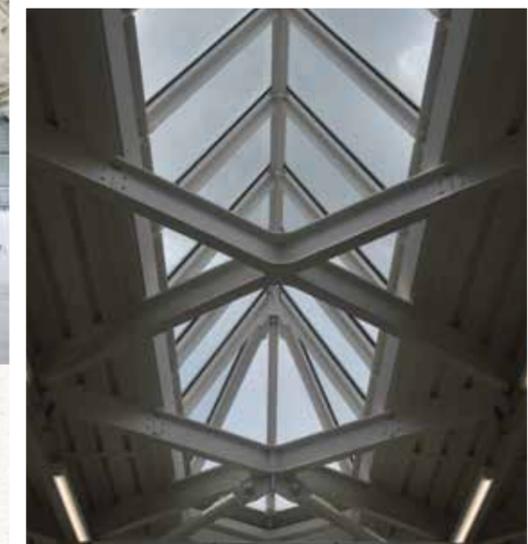
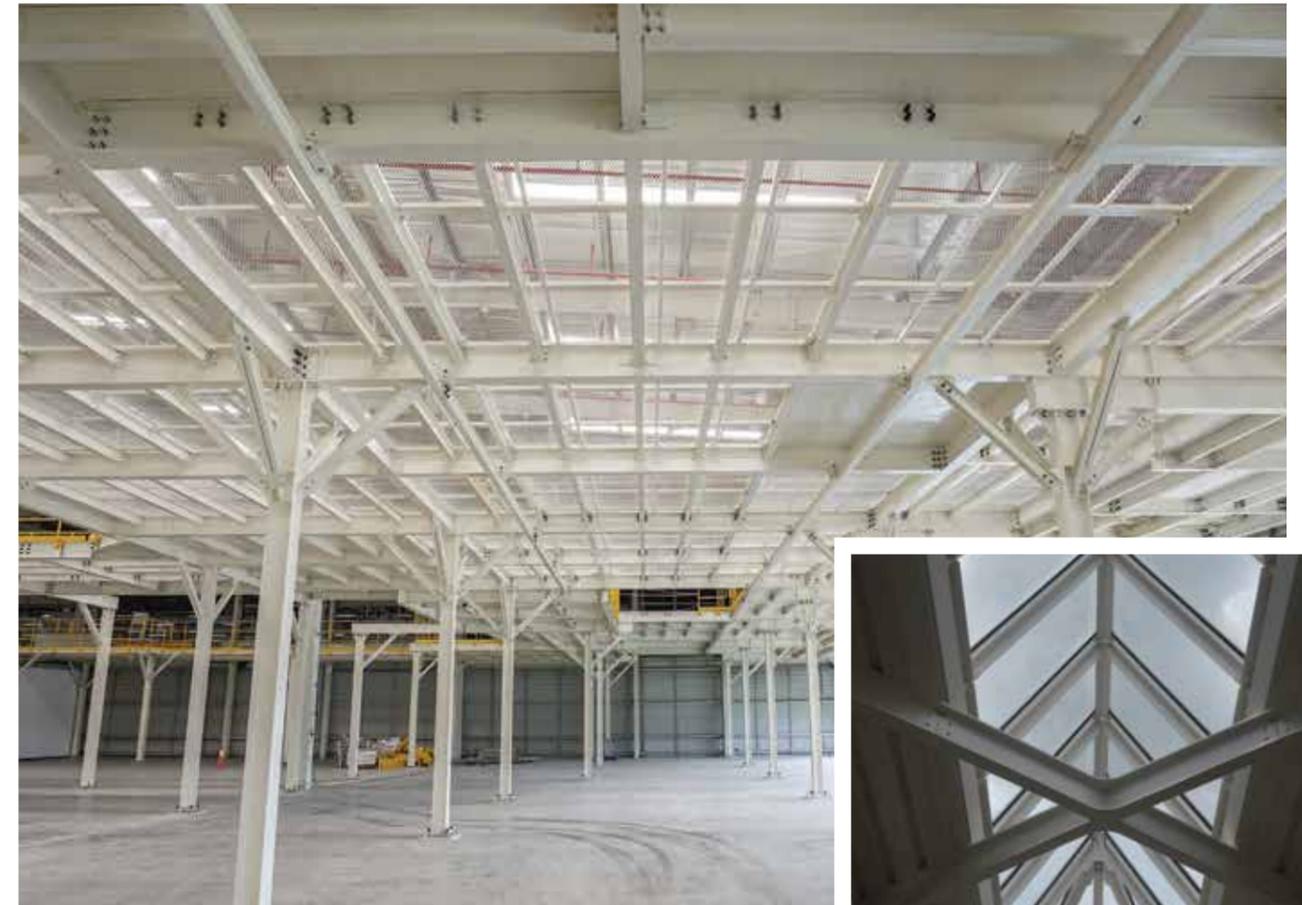
0.3 - 3.0 mm in Thickness

APPLICATIONS



Solar Panel Frames

Solar Panel Frames – Navrang Solar Panel Frames are high-performing and durable pre-painted galvanized sheets which make them a reliable steel sheet solution that are better than Galvanized Iron (GI) for constructing Solar Panel Frames. With the advanced technology of Alu Zinc Line, used for a better quality and stronger product, Navrang Solar Panel Frames ensure high temperature resistance and formability, for a superior Solar Panel Frame.



Purlins

Purlins – Navrang C Purlins and Z Purlins are specially designed for Purlin and Girt applications, and are the more economical and environment friendly alternative for infrastructures, making them a better quality product in comparison to Galvanised Iron (GI). Their high-strength and durable qualities make them suitable for bridging and a comprehensive range of accessories of purlins and girts.



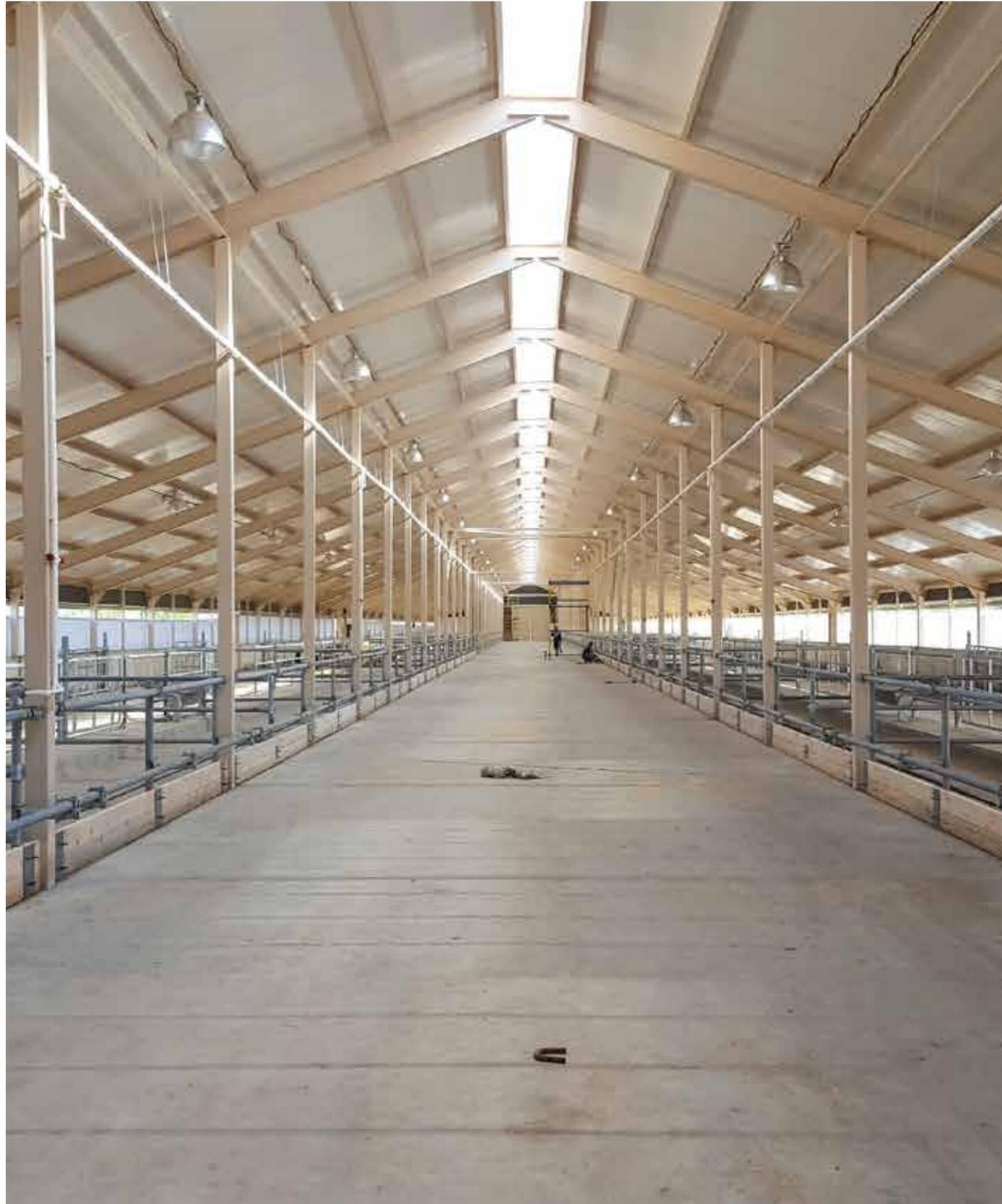
PEB Sheds

PEB Sheds – Navrang PEB Sheds are pre-painted sheets that make construction an easier and time-efficient process, in comparison to Galvanized Iron (GI) . By being already primed, painted, and moulded, Navrang PEB Sheds save from wastage and increased costs during installation, and are stronger and more durable in the long run.

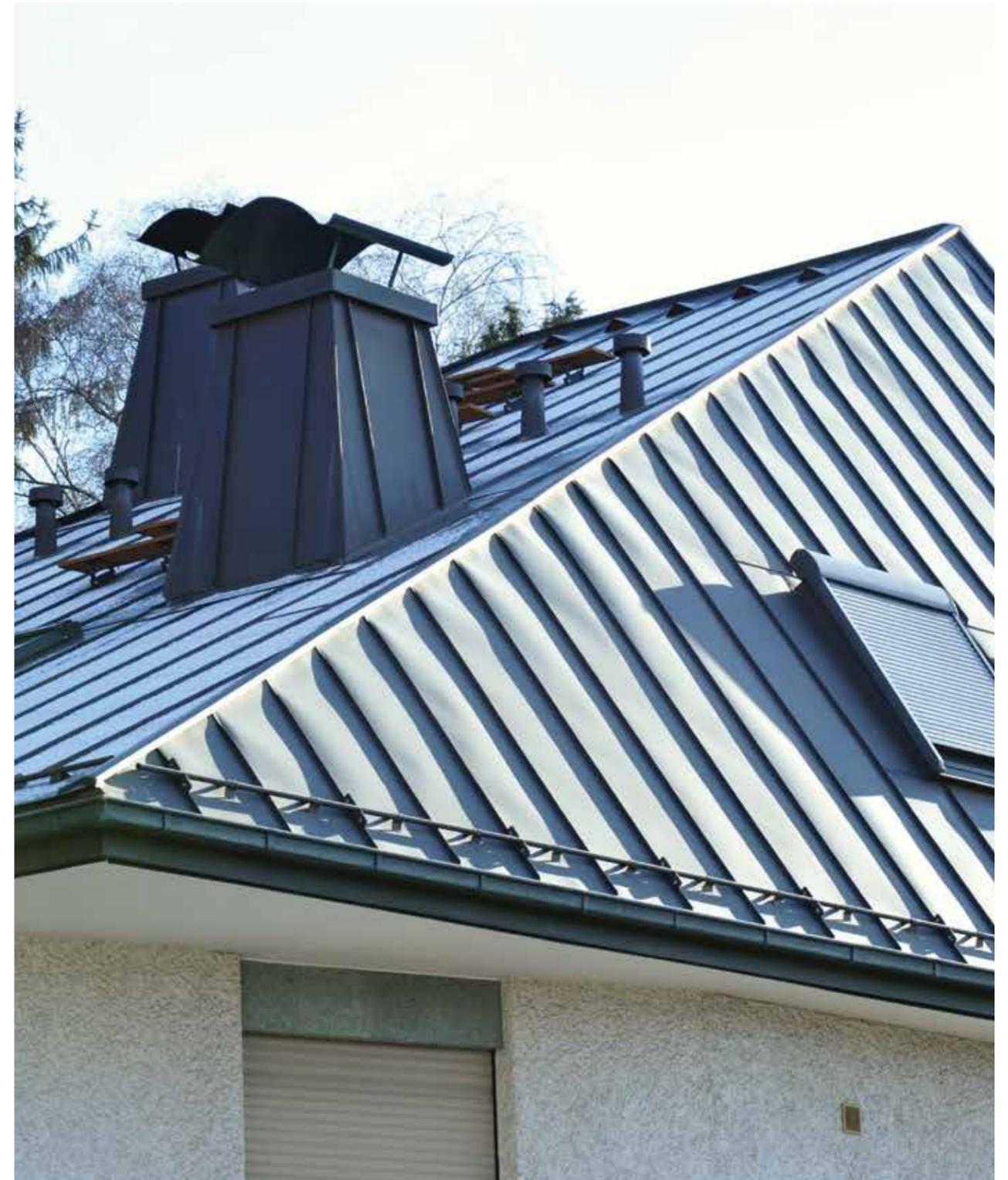


Open Door Frames

Open Door Frames – With the strength of steel and a variety of aesthetics to choose from, Navrang Open Door Frames provide the best of protection and beautiful finishes to complement your spaces, which makes the more viable application against Galvanized Iron (GI). The Navrang Door Frame is easy to install and keeps doors termite-free, moisture proof, and are also recyclable and better for the environment.



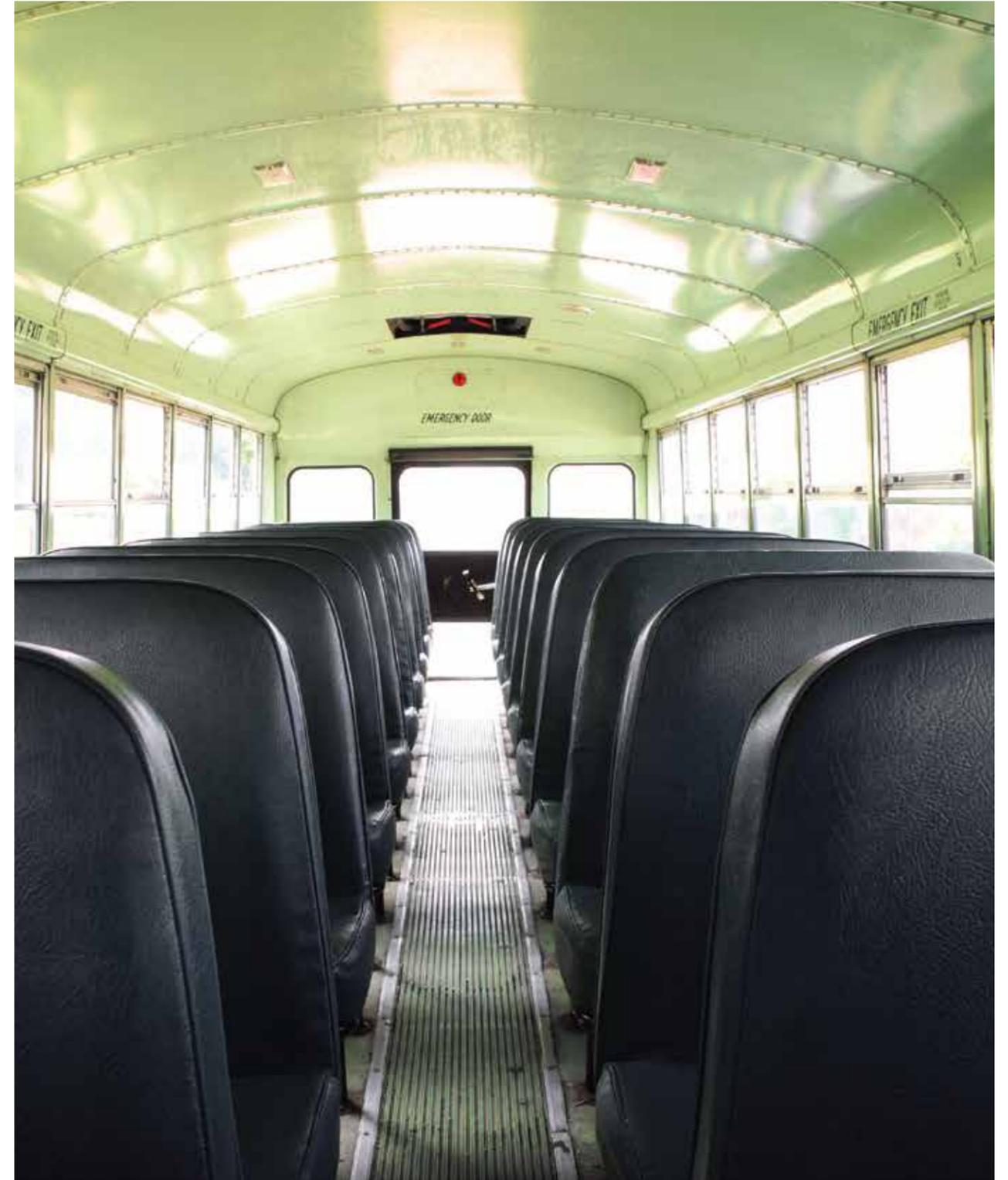
Warehouse Sheds



Building Rooftops



Solar Panel Pedetals



Bus Roofing and Inner Body Parts



Shutter Patti



Industrial Sheds



Car Crash Barrier



Warehouse Outer Frames



Ducting



Dish Antenna



Air Conditioner



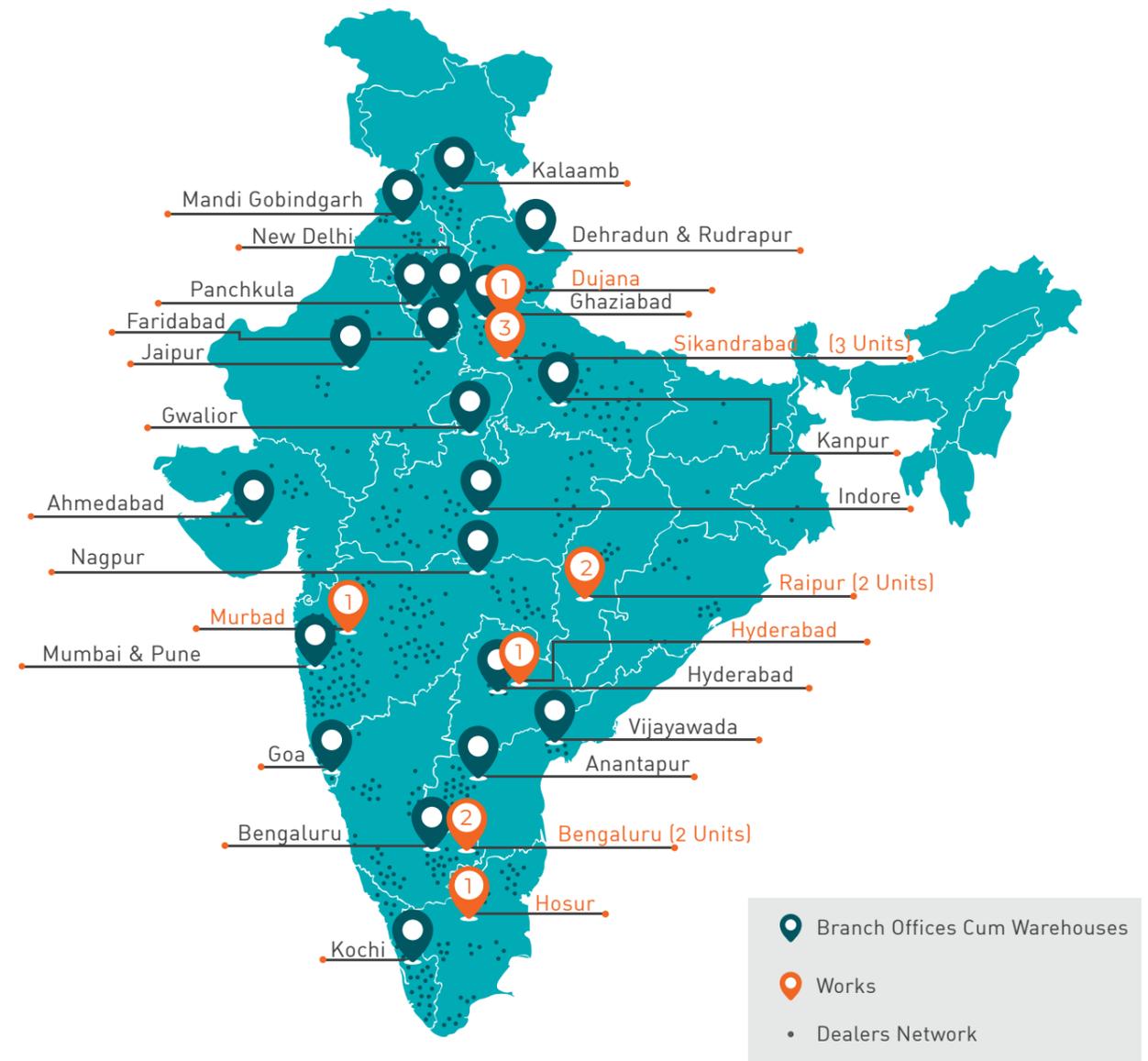
Refrigerator

ENVIRONMENT

At Apollo, we are committed to taking care of the environment by implementing several measures for a better and cleaner tomorrow, while ensuring that the entire process is energy efficient. Our Zero Discharge sustainable policy makes sure that all water used in the production process is treated and reused. This reduces industrial water wastage drastically. We have planted trees in and around our premises and we've converted barren lands into green pastures.



OUR NATIONWIDE PRESENCE



 **11** Plants

 **29** Sales Office

 **800** Dealers & Distributors

 **2000** Towns & Cities

 **1,00,000** Retailers & Fabricators