

VIRAAT
INDUSTRIES



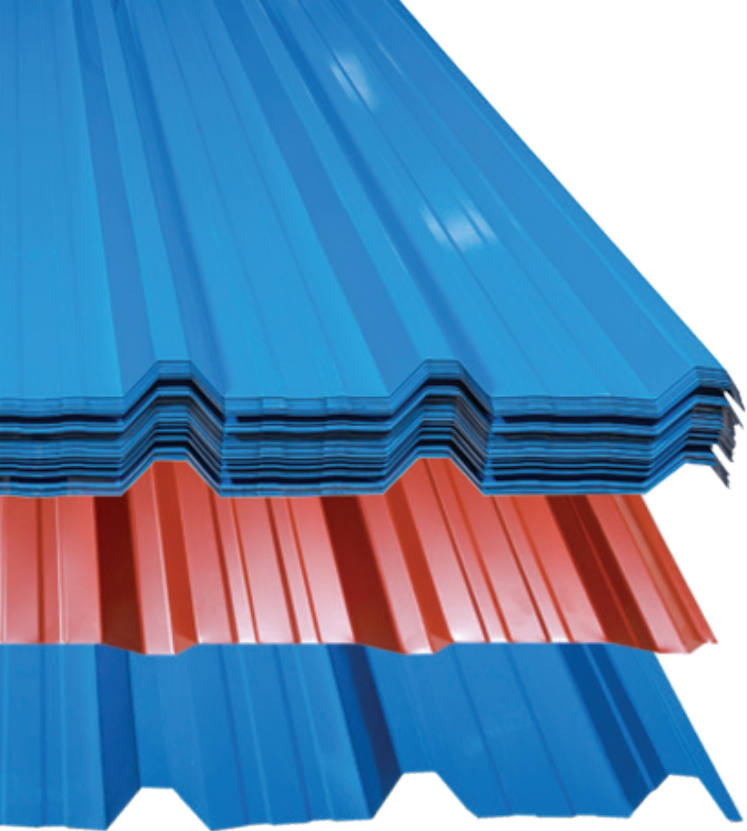


ABOUT US

VIRAAT™ Industries is a unique start-up providing superior grade roofing solutions that meet your expectations. Our Journey started in this industry by being end consumers of the products that we currently manufacture, but faced lot of difficulties in procuring these products from other retailers or manufacturers due to various reasons and mismanagement of companies. This particular trend got us thinking, why not, we as a company do the backward integration ourselves and start manufacturing these products so that we can provide our customers with best quality products and most importantly, timely delivery as per their needs.

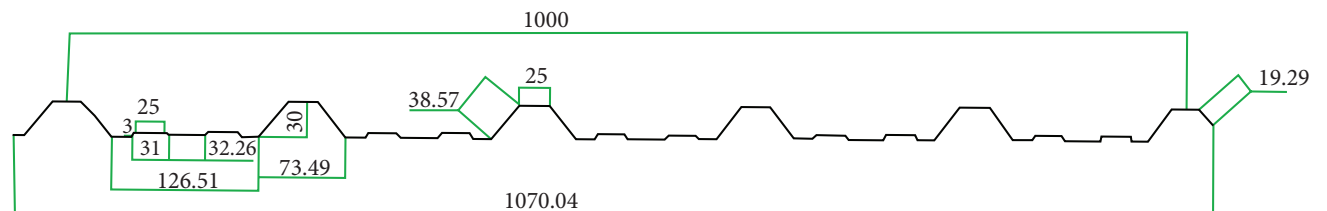
Our organization started with a vision to provide world-class products manufactured in state-of-the-art production line. Our objective is to make optimum utilization of our modern infrastructure, technical expertise, past experience & knowledge to provide high-quality & cost-effective Cold Rolled Form Products to our customers. With the state-of-the-art production line in our first unit, we manufacture the following products: **Colour Coated Metal Sheets, Colour Coated Tile Roof Sheets, C&Z Purlins, Polycarbonate Sheets (Solid & Multiwall), Roof Turbo Ventilators with Polycarbonate Base Plate.** Very Recently, we have put a jewel on the crown by adding one more new state-of-the-art unit where we manufacture fully automated Continuous Sandwich Puf Panels.

All the above mentioned products are manufactured with best international standards, highest quality, and largest production capacity in South India. We at “VIRAAT Industries” are committed to providing quality products to our valuable customers in Domestic as well as International market. Our Vision is to be a globally reputed Engineering Metal Product Manufacturing company.



COLOUR COATED METAL SHEETS

VIRAAT™ profiles quality metal substrates with high-performing pre-treatment, primer and top coat, all brought together in a carefully controlled manufacturing process that delivers best quality and performances. Every VIRAAT™ profile is tested and optimised for error-free performance year after year. Superior colour adhesion and precise zinc coating ensure better corrosion resistance and cutting-edge protection. Use of high-performance paints like High Durable Polyester (HDP) and Polyvinylidene Fluoride (PVDF) means the sheets retain their colour and gloss over long period of time. Designed under the guidance of professionals, each product is developed strictly in compliance with defined industry guidelines and by using superior grade-base material to provide longer life standards.



RAL SHADE CARD



Off White



Sky Blue



Brick Red



Mist Green



Royal Blue

AND OTHER RAL COLOURS AVAILABLE BASED ON ORDER

COLOUR COATED TILE ROOF SHEET

VIRAAT™ Metal Tile Roofing does its best where the market demands reliable roofing in a range of styles at an affordable price. Lighter than concrete or clay tiles and easier to handle than long-run panels, it offers transport cost savings, is also quick to install and performs well in whatever extreme conditions nature throws at it.

BENEFITS

- Architectural attractiveness and durability
- Easy to assemble, time and labour saving
- Lightweight and easy to handle and store
- Does not break, crack or leak

RAL SHADE CARD



Off White



Sky Blue



Brick Red

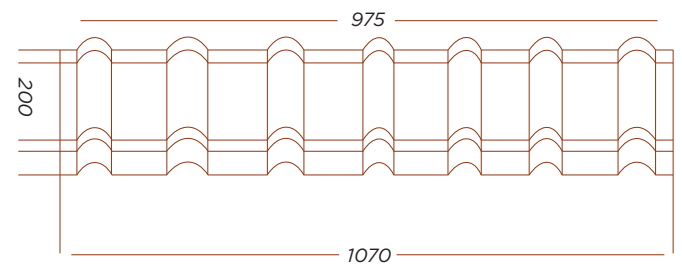


Mist Green



Royal Blue

AND OTHER RAL COLOURS AVAILABLE BASED ON ORDER



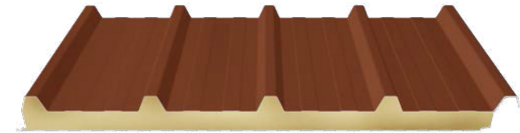
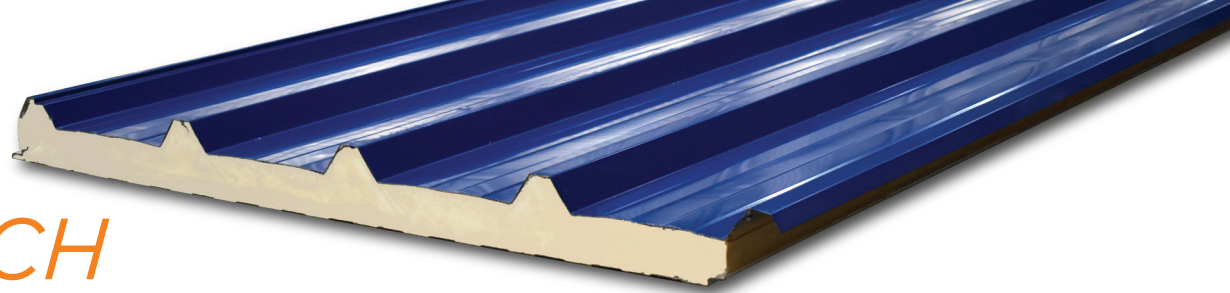
SANDWICH PUF ROOF PANELS

Sandwich Puf Roof Panels by VIRAAAT™ is the ribbed weight bearing metallic panel, destined to inclined roofing with a slope not inferior to 7%. Aesthetically, the panel presents an external surface with 5 ribs and micro-ribs on the flat part that increase the load-bearing capacity: the internal surface may have a traditional ribbed finishing, with deep or large ribs, but it can be also be flat.

Several thicknesses of metallic surfaces realized in galvanized steel, pre-painted steel, stainless steel, aluminium and other metal sheets answer to weight capacities. Resistance and durability is required during the installation. While the wide range of coatings and finishes, which can be adapted on the panels allow to get different performances and many aesthetical solutions.

The wide range of Polyurethane thicknesses, PUR or PIR, ensures the achievement of important insulating results. With very low certified values of thermal transmittance; the PIR version is not only self-extinguishing but also gets the fire reaction class Bs2-d0.

Sandwich Puf Roof Panels are suitable and certified to receive different productive systems of alternative energy, solar energy, photovoltaic energy etc., required by law: the assembly of these systems must consider a careful planning for the permanent weight that roof has to bear and our experience suggests to engage prepared, experienced technicians and engineers to avoid improper applications.



1000

Useful width
1000 mm

MAXIMUM LENGTH
15000 mm

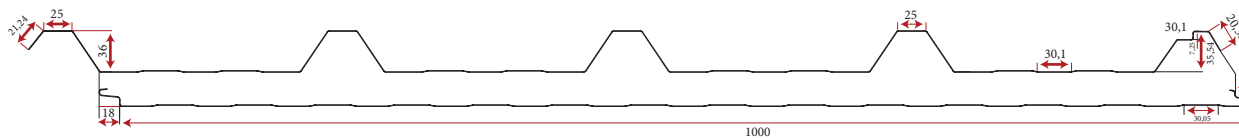
THICKNESSES AVAILABLE

30

50

75

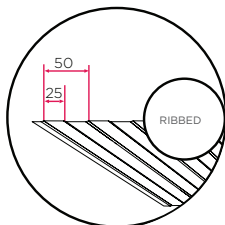
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TECHNICAL DRAW

Thickness: 0.3-0.6mm
Width: 1070mm

INTERNAL FINISHES



RAL SHADE CARD



Off White



Sky Blue



Brick Red



Mist Green



Royal Blue

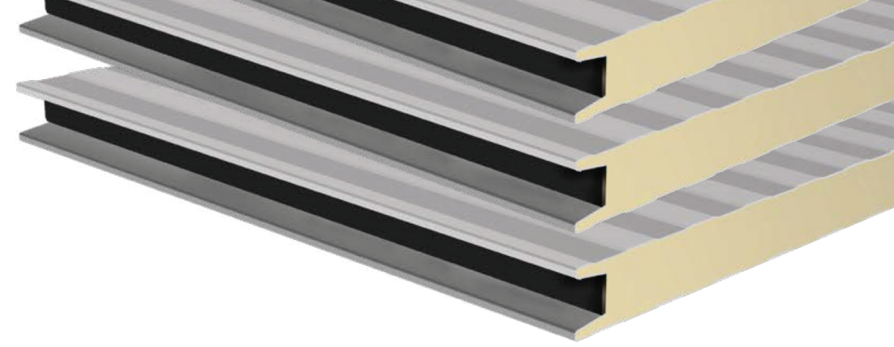
AND OTHER RAL COLOURS AVAILABLE BASED ON ORDER

SANDWICH PUF WALL PANELS

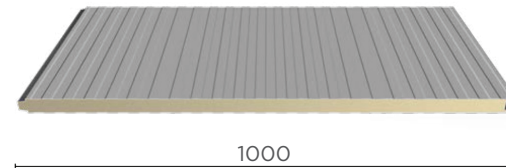
VIRAAT™ panels can be produced with the following metal sheets: galvanized steel, alu-zinc steel, stainless steel, aluminium, copper and other metal sheets. The use of aluminium and copper sheet needs more attention during the installation of the panels because of the high coefficient of thermal expansion, typical of these kind of metals.

Metal sheets supplied by VIRAAT™ are produced by primary steelworks and are painted with the coil coating method, using a coating cycle homologated by VIRAAT™ with the purpose of guaranteeing the durability of panels, fit for the purpose of use, and of the coating product used, which can be made of basic or high durability Polyester, Polyurethane, Polyamide, Plastisol or PVDF.

VIRAAT™ offers some standard colours during the coating cycles with the purpose of offering adequate service to its customers. Special colours can be made under request.



TECHNICAL DRAW



Useful width
1000 mm
MAXIMUM LENGTH
15000 mm

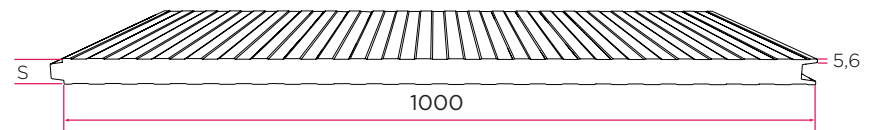
THICKNESSES AVAILABLE

30

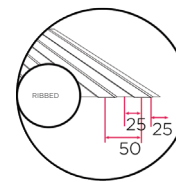
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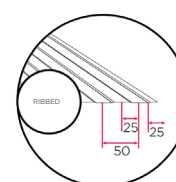
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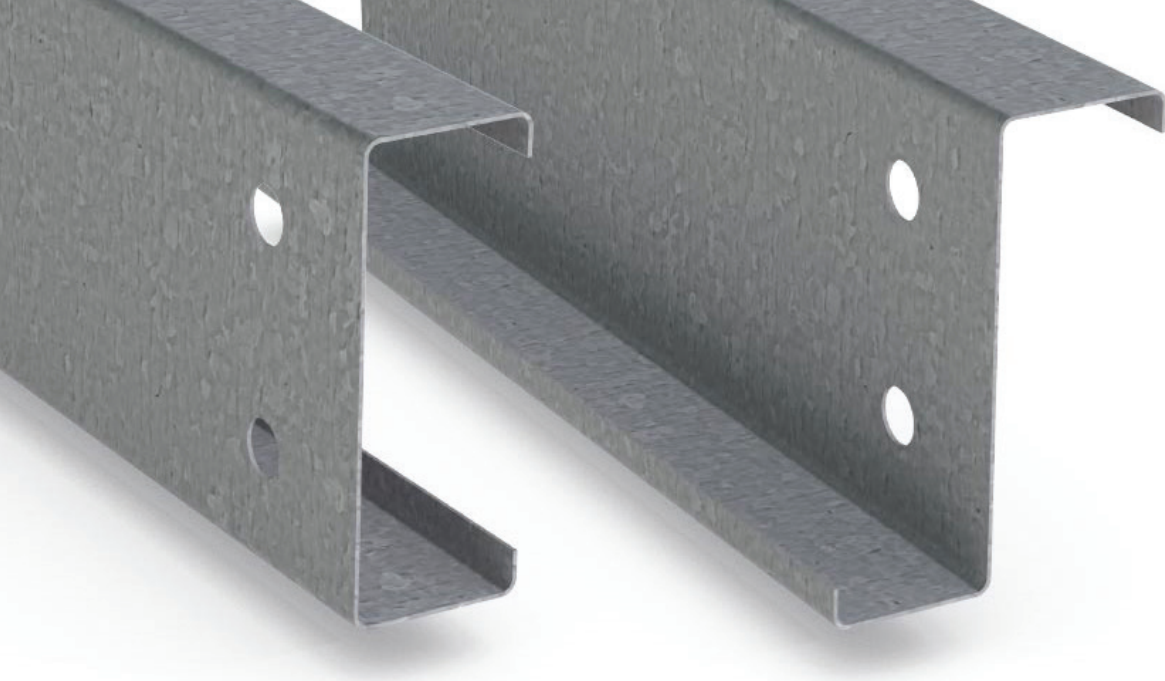


EXTERNAL FINISHES



INTERNAL FINISHES





C & Z PURLIN

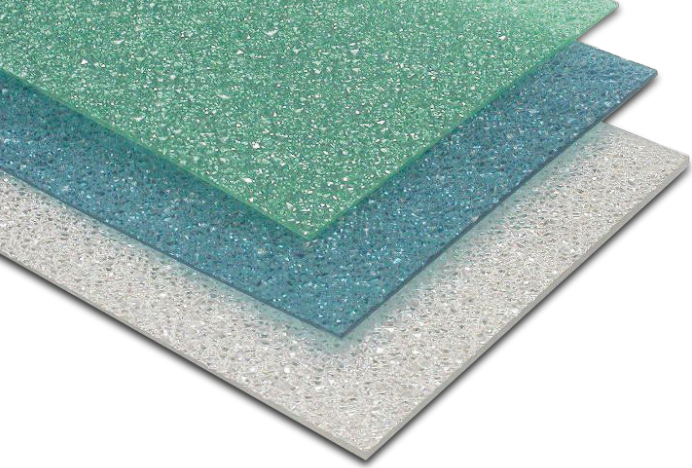
VIRAAT™, one of the leading manufacturers and suppliers of C & Z Purlin, keeping in mind the diverse requirements of the clients, manufactures and supplies flawless range of C & Z Section Purlins, fabricated with utmost precision. Offered product range is fabricated by utilizing quality approved components sourced from certified vendors. They are available in different thickness, depth and sizes can be customised as per the preference.

FEATURES:

- Structurally rigid
- Uniform, steady and straight
- Pre punched holes on required length

BENEFITS:

- Considerable support for roof panel at eave
- Minimised field labour
- Uniform, straight and rigid walls and eaves
- Adoptable design



SOLID AND EMBOSSED POLY CARBONATE SHEETS

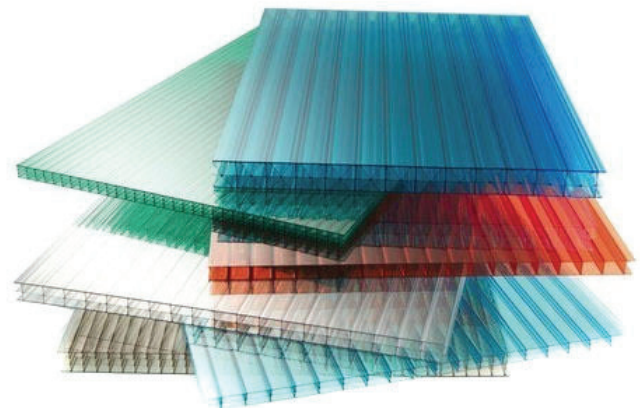
VIRAAT™ Solid & Embossed Polycarbonate sheets are manufactured using UV stabilized resin that allows it to be used in multiple applications across various industries. Clear solid sheets are as transparent as glass and have a light transmission of 90%. Due to their relative lightweight and high impact resistance, they are convenient to store, handle and install. They can be used for indoor as well as outdoor applications.

THICKNESS: 1.2mm, 1.4mm, 1.6mm,
1.8mm, 2mm, 2.5mm, 3mm
WIDTH: 1220mm-2100mm
LENGTH: 30500mm

MULTIWALL POLY CARBONATE SHEET

VIRAAT™ Multiwall Polycarbonate sheets are the most versatile polycarbonate sheets in the market. The hollow and multicellular structure provides the flexibility while maintaining the strength of the sheet. They are manufactured from UV stabilized resin that ensures the product meets the highest quality standards. Due to its unique structure and design, hollow & cellular sheets can be very light and can go from twin wall to 5 walled structures ensuring its lightness and improving its thermal insulation depending upon the applications.

THICKNESS: 4mm, 6mm, 10mm, 16mm, 24mm
WIDTH: 1220mm - 2100mm
LENGTH: 11800mm



TURBO VENTILATOR

VIRAAT™ Turbo Ventilator are designed ergonomically with the use of best grade stainless steel or aluminium. Our product ensures long working life with noiseless working. With relatively negligible use power on operation, it is now the most efficient product in its segment. Quick cooling and complete ventilation can be availed through the installation of these Aluminium/SS Turbo Ventilators.

Standard size: 24" Dia



POLYCARBONATE BASE PLATES



Polycarbonate base plates are used to fix Turbo Ventilators on roof. We can manufacture these plates in matching to all roofing profiles. We have in-house mould design and mould making facility as well. Polycarbonate serves as an excellent replacement for FRP.

CRIMPING SHEETS

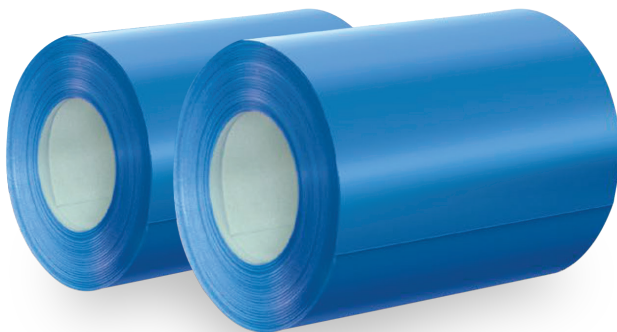
VIRAAT™ Crimping Sheets are manufactured from normal trapezoidal profile sheet with adequate bending as per structure, making it ideal for curved roofs. These sheets ensure jointless long bend, preventing any chances of leakage. The curve or angle of the bend can be customized to meet the need. Available types include Profile Ridge (Roofing Cover), Profile Canopy (Gate Cover), Profile NLC (Shade Cover) and Profile Curvature (Overlapping).



SPECIAL FEATURES

- Base Material Thickness: 0.30 to 0.60 TCT
- Zinc Coating: Z 90 to Z 275
- Temper: 250 MPa to 359 MPa
- Radius: 300mm to 600mm

COLOUR COATED COILS

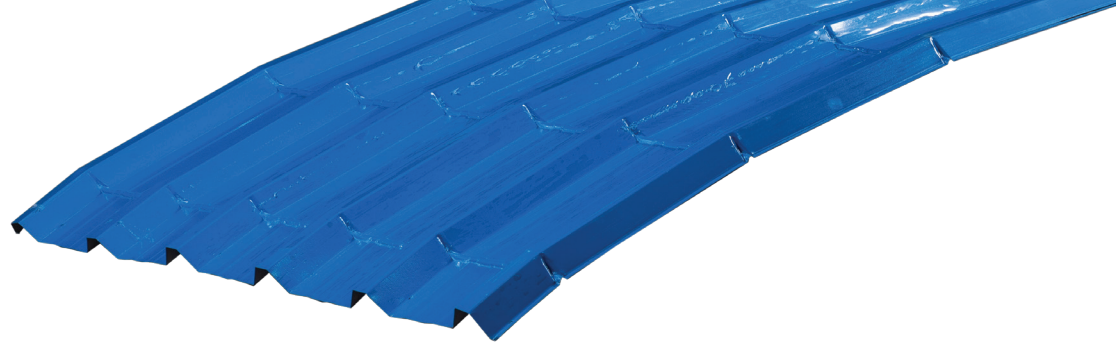


VIRAAT™ colour coating is a revolutionary process where a top coat and a back coat are applied to galvanized steel to make a complete 9 layered colour coated coils.

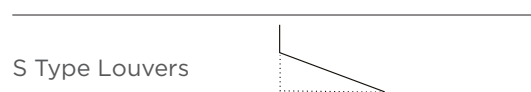
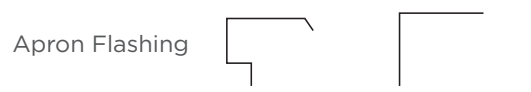
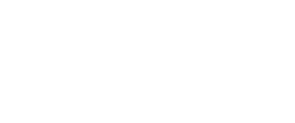
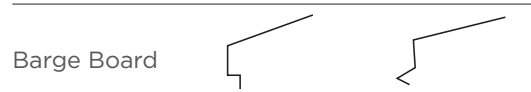
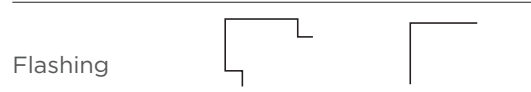
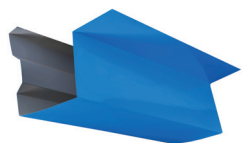
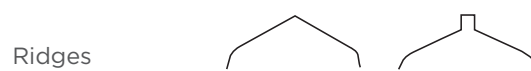
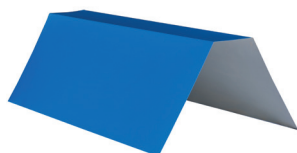
SPECIAL FEATURES

- Chemical cleaning on strip
- Chemical coaters to ensure the adhesiveness of the point
- Guarder film for the surface protection during transit and storage

Product	: PPGI<PPGL
Width	: 900mm - 1450mm
Thickness	: 0.2mm - 0.6mm TCT
Base Coil	: Z40 - 275g, AZ40 - 150g/sm
Base Material	: Galvanized/Galvalume
Colour	: Ral/Sample
Paint Type	: RMP/PVDF
Surface	: Regular PE/Matt



COLOUR COATED ACCESSORIES





MANUFACTURING PLANT

150/2, ESI Ring Road, Near Leela Bakery, Hosur, Tamil Nadu-635 126, India

156/2B ESI Ring, Opposite Bharath Petrol Pump, Mookandapalli, Hosur, Tamil Nadu-635 126.

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