



**VIRAAT<sup>®</sup>**

Largest Manufacturer  
of Roofing Products

# 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 a 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 the 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 lines. 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:

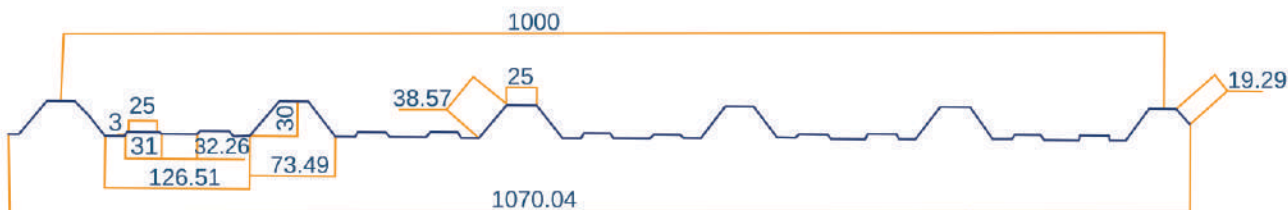
**Color Coated Metal Sheets, Colour Coated Tile Roof Sheets, C&Z Purlins, Polycarbonate Sheets (Solid & Multiwall), Roof Turbo Ventilators with Polycarbonate Base Plate.**

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 the best international standards, the highest quality, and the largest production capacity in South India. We at "VIRAAT Industries" are committed to providing quality products to our valuable customers in the Domestic as well as international markets. 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 topcoat, all brought together in a carefully controlled manufacturing process that delivers the 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. The use of high-performance paints like High Durable Polyester (HDP) and Polyvinylidene Fluoride (PVDF) means the sheets retain their colour and gloss over a 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.



## Available Colors

### RAL SHADE CARD



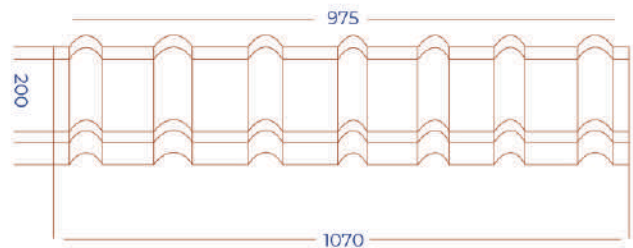


# COLOUR COATED TILE ROOF SHEET

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.



## Available Colors

### RAL SHADE CARD



Off White



Sky Blue



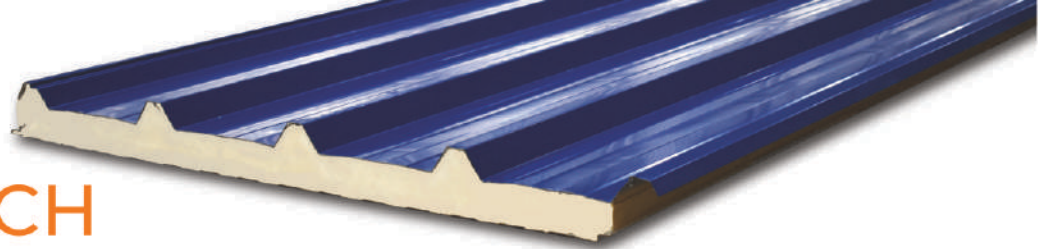
Brick Red



Mist Green



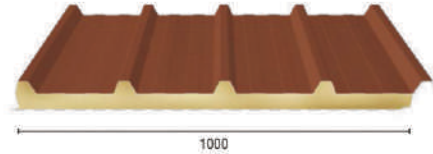
Dark Grey



# SANDWICH PUF ROOF PANELS

Sandwich Puf Roof Panels by VIRAAT™ is the ribbed weight bearing the 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 also be flat.

VIRAAT™ PUF Roof Panel are made in state of the art fully automated CONTINUOUS PRODUCTION LINE. 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 are required during the installation. While the wide range of coatings and finishes, which can be adapted on the panels allow getting 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. 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 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.



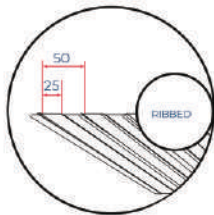
Useful width  
1000 mm  
MAXIMUM  
15000 mm  
LENGTH

## THICKNESSES AVAILABLE



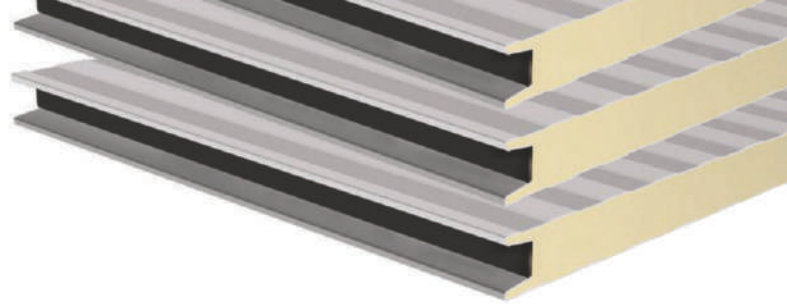
Thickness: 0.3-0.6mm  
Width: 1070mm

## INTERNAL FINISHES



## Available Colors RAL SHADE CARD

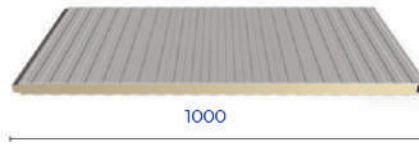




# SANDWICH PUF WALL PANELS

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 kinds of metals.

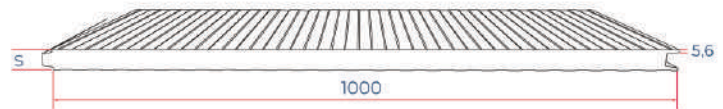
Metal sheets supplied by VIRAAT™ are produced by primary steelworks and are painted with the coil coating method, using a coating cycle homologated by VIRAAT™ with the purpose of guaranteeing the durability of panels, fit for the purpose of use, and of the coating product used, which can be made of basic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



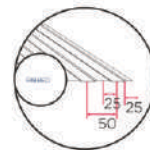
Useful width  
1000 mm  
MAXIMUM LENGTH  
15000 mm

## THICKNESSES AVAILABLE

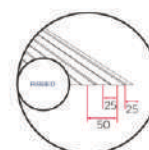
- 30
- 50
- 75
- 100



### 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 the required length

### BENEFITS:

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

# MULTIWALL POLY CARBONATE SHEET

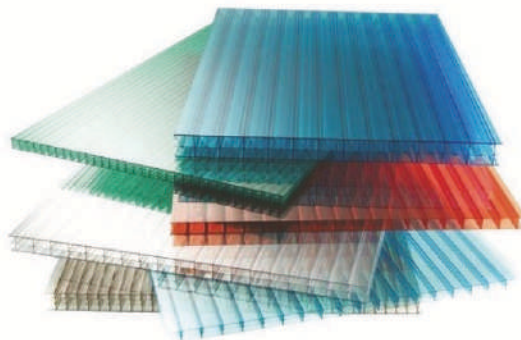
VIRAAT™ Multiwall Polycarbonate sheets are the most versatile polycarbonate sheets in the market. The hollow and multicellular structure provides flexibility while maintaining the strength of the sheet. They are manufactured from UV stabilized resin that ensures the product meets the highest quality 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.

## 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

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





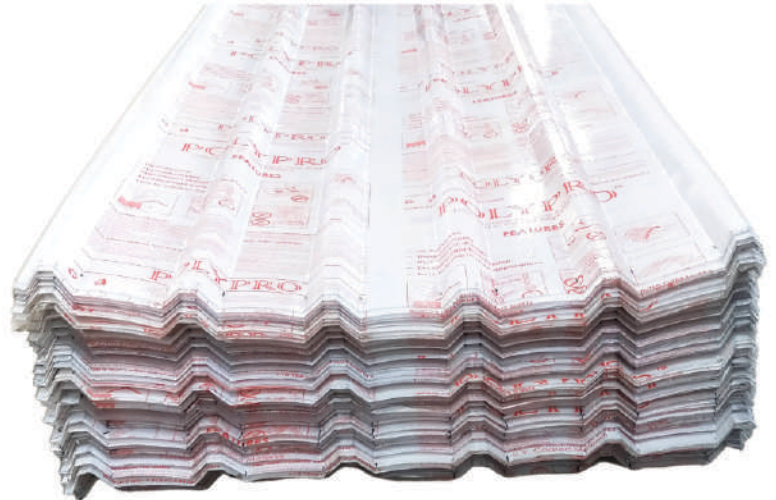
## TURBO VENTILATOR WITH POLYCARBONATE BASE PLATES



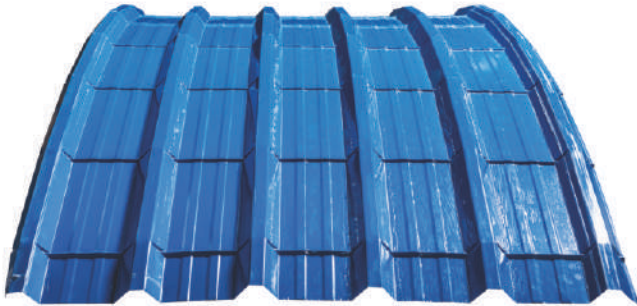
VIRAAT™ Turbo Ventilators are designed ergonomically with the use of best grade stainless steel or aluminium. Our product ensures a long working life with noiseless working. With relatively negligible use of power-on operation, it is now the most efficient product in its segment. Quick cooling and complete ventilation can be availed through the installation of these Aluminium/SS Turbo Ventilators. Polycarbonate base plates are used to fix Turbo Ventilators on the roof. We can manufacture these plates in matching to all roofing profiles. We have an in-house mould design and mould making facility as well. Polycarbonate serves as an excellent replacement for FRP. Standard size: 24" Dia

## POLYCARBONATE PROFILE SHEETS

Polycarbonate profile sheets is a very strong and resilient thermoplastic material. Polycarbonate is also very lightweight and capable of withstanding extreme temperatures, either hot or cold. Due to these qualities, it makes for effective roofing material for many applications. While polycarbonate roofing may not be the best option for an entire house; it is ideal for other structures such as decks, garages, patios, sheds, and conservatories. Polycarbonate is also frequently used for pool covers, or for roofing on industrial warehouses. Being virtually unbreakable with 250 times the impact strength of float glass and 30 times that of acrylic, polycarbonate panels are a great product for a wide variety of outdoor uses



# CRIMPING SHEETS COLOUR COATED COILS



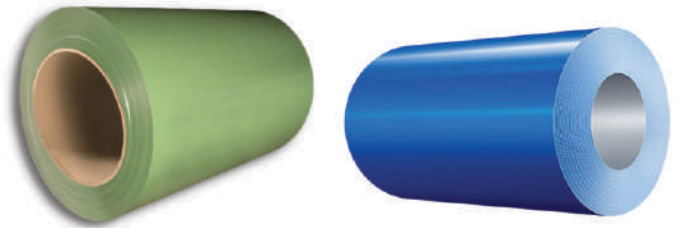
VIRAAT™ Crimping Sheets are manufactured from normal trapezoidal profile sheet with adequate bending as per structure, making it ideal for curved roofs. These sheets ensure jointless long bend, preventing any chances of leakage. The curve or angle of the bend can be customized to meet the need. Available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

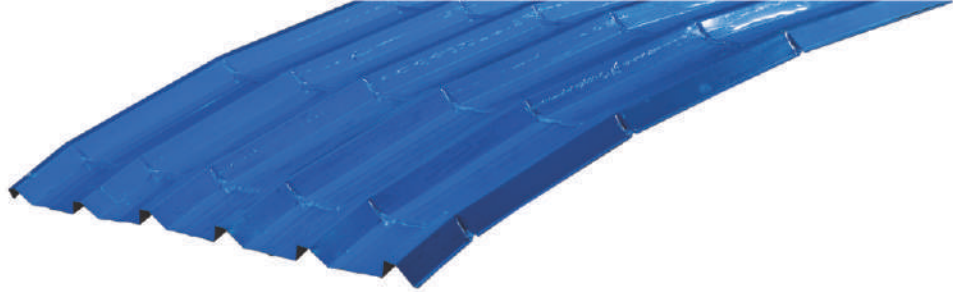
## SPECIAL FEATURES

- 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

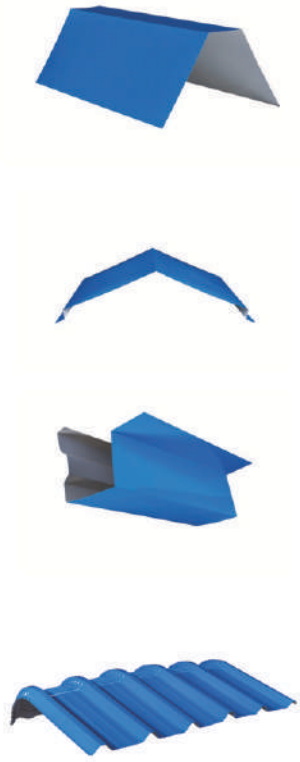
VIRAAT™ colour coating is a revolutionary process where a top coat and a back coat are applied to galvanized steel to make a complete 9 layered colour coated coils.











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



Ridges	
Gutters	
Flashing	
Barge Board	
Apron Flashing	
Eaves Flashing	
Gutter Flashing	
S Type Louvers	
Cladding Bottom Flashing	
North Light Curve	





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MANUFACTURING UNIT 1  
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HOSUR, TAMIL NADU-635 126.

MANUFACTURING UNIT 2  
156/2B ESI RING, OPPOSITE BHARATH PETROL BUNK,  
HOSUR, TAMIL NADU-635 126.