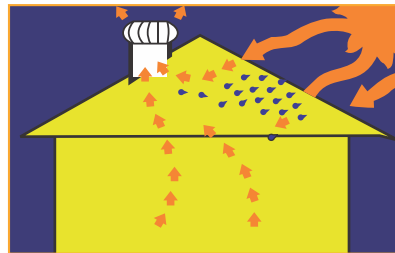
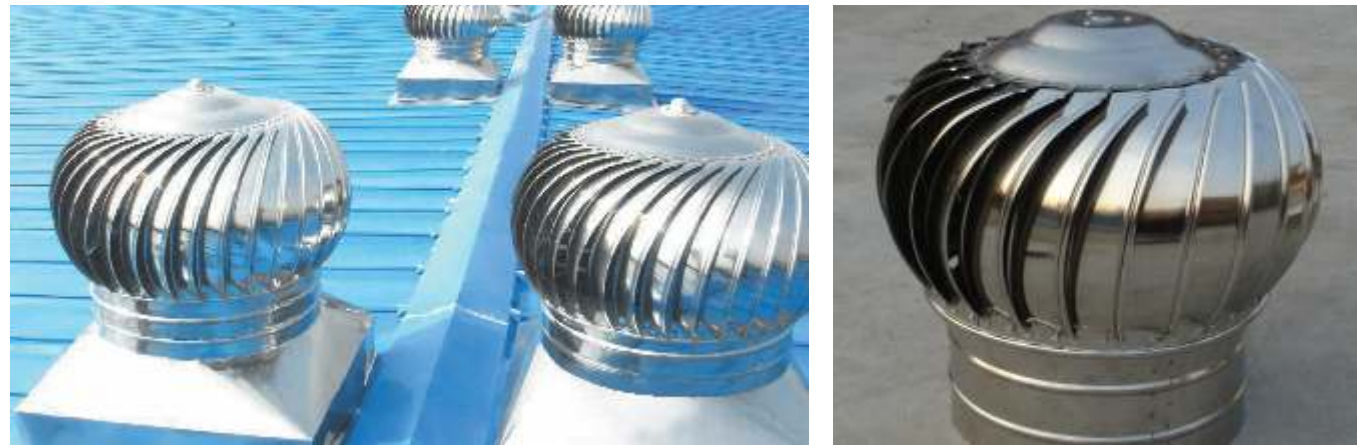


## Turbo Ventilators

Industrial Ventilators are the inexpensive, reliable and effective ventilation solutions.

Having Proper ventilation is important for any building. Having Fresh air in a closed building system is ideal for a good work environment. Stagnant air can lead to the spread of illness, allergies, and headaches. Therefore a robust ventilation system is important in reducing heat and cooling cost as well as keeping fresh clean air in the building.

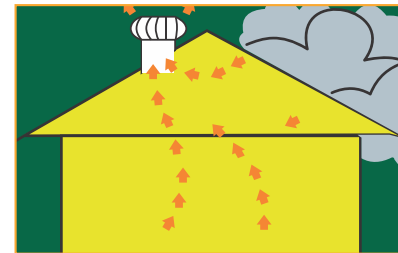
Every industry building, no matter how big or small, has a Ventilation problem, Keeping air circulating and at a comfortable temperature can be difficult and expensive. Using only the power of the wind, industrial Ventilators silently draw heat, Damp and stagnant air from the building, replacing it with clean fresh air without costing you a rupee in running or maintenance costs.



Spins away heat

Benefits of Turbo roof ventilators

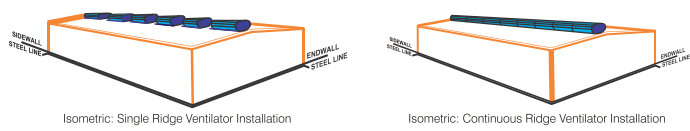
- No operation cost
- Reduced power cost
- Reduced maintenance cost



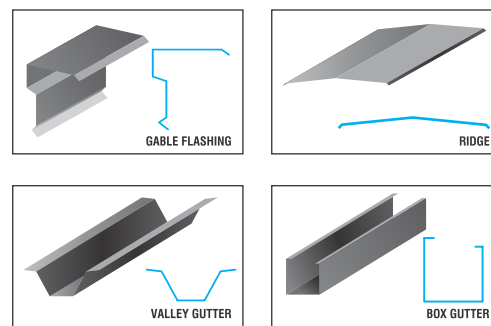
Spins away damp

## Ridge Ventilators

Ridge ventilators provide natural air circulation in a Alfa building. They are installed as continuous or single units. They are designed for mounting to the building ridge using gravity flow to exhaust heat.



## Standard Accessories & Installation



## Lexan Polycarbonate Sheets

Rigid polycarbonate transparent roof glazing sheets available in required lengths matching color coated sheets, profiles made out of Lexan Polycarbonate sheets from Alfa.

FRP (fibre glass reinforced plastic) sheets in required lengths Thickness: 1.5mm, 1.8mm & 2mm



## Colour Shade Cards



[www.alfarooftingsolutions.com](http://www.alfarooftingsolutions.com)



**Manufacturing Plant- Unit 1**  
Survey no.162,163,164/2, &167,  
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Thally Road,  
Hosur - 635114.

**Branch offices :**  
**Chennai**  
# 7, 1st floor, Alsa Mall, No.149,  
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Bangalore - 560 027

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## Coated Steel Sheet

The sky is the limit when designing with pre coated sheet

What is coated steel sheet?

Coated Steel Sheet has been used extensively by the construction industry throughout the World for nearly two centuries. Because of its excellent corrosion resistances, it has become the preferred material for a wide range of construction uses, particularly roofing and cladding.

Coated steel sheet is a unique building material. It combines the strength of steel with the excellent corrosion protection of zinc/ aluminum alloy coatings. It can be punched, roll-formed and joined into a limitless number of structural and decorative building products.

Technical specification of Aluminum Zinc Alloy Coated Steel

Base Metal	High Tensile Steel
Coating Mass	AZ150
Coated Std	AS 1397-1993
Yeild Strength	550Mpa/300Mpa
Thickness	0.5mm
Tolerance	±0.04as per AS/NZS 1397

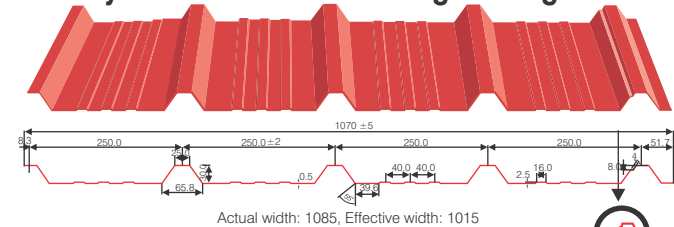
Technical specification of Galvanised Colour Coated Steel

Base Metal	High Tensile Steel
Coating Mass	120 GSM
Coated Std	IS: 277 / JIS: 3302
Yeild Strength	240 Mpa
Thickness	0.5mm & .6mm
Tolerance	±0.03 as per IS:513

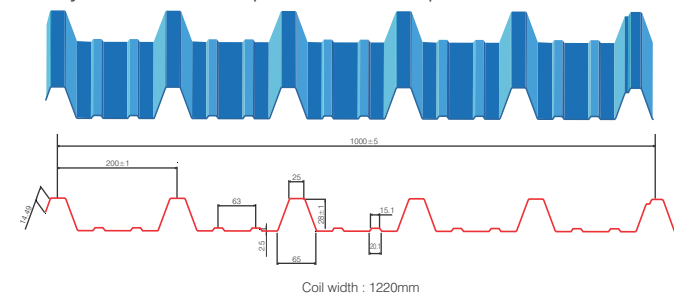
## Roof & Wall Panel

The colour coated steel sheets for roof and wall cladding solutions. These colour coated sheets have a special paint system, under which there is a coating of zinc and aluminium that ensures longer life of steel

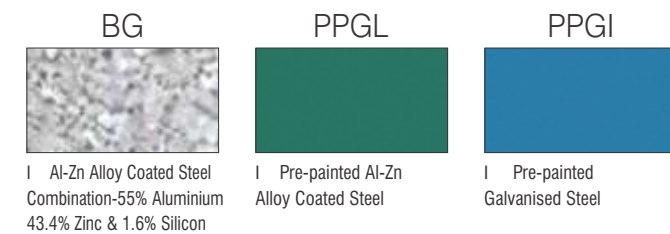
- Durable Colours
- Corrosion Resistance
- Thermal Efficiency
- High Strength
- Easy Installation
- Long Lasting



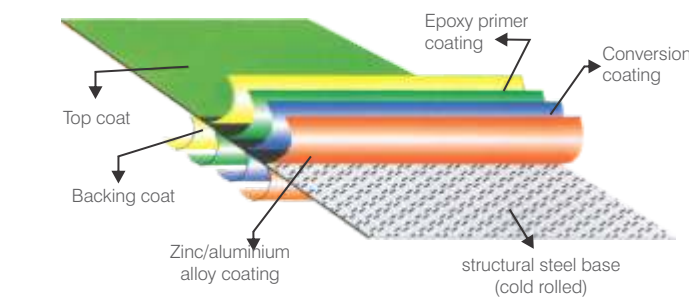
Any roofing installation's performance and durability is deeply affected by rainwater, the Anti-Capillary Groove ensures that water draining through valleys does not creep into the overlap.



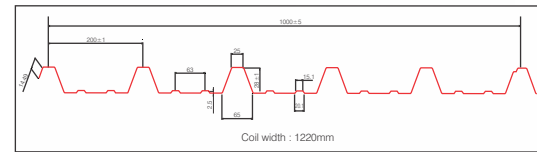
## Product Range



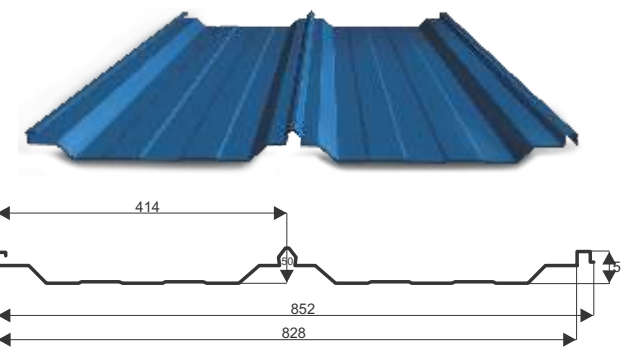
## Pre-Painted Al-Zn Alloy Coated Steel



## Clay Tile Design



## Standing Seam Roofing



Coated Steel Sheet has been used extensively by the construction industry throughout the World for nearly two centuries. Because of its excellent corrosion resistances, it has become the preferred material for a wide range of construction uses, particularly roofing and walling.

## World's Best Manufactures Process with Continues Production line for Sandwich PUF / PIR Panels

Our Products:

### PU/PIR Sandwiched PUF Panels



### EPS Core Sandwich Panels

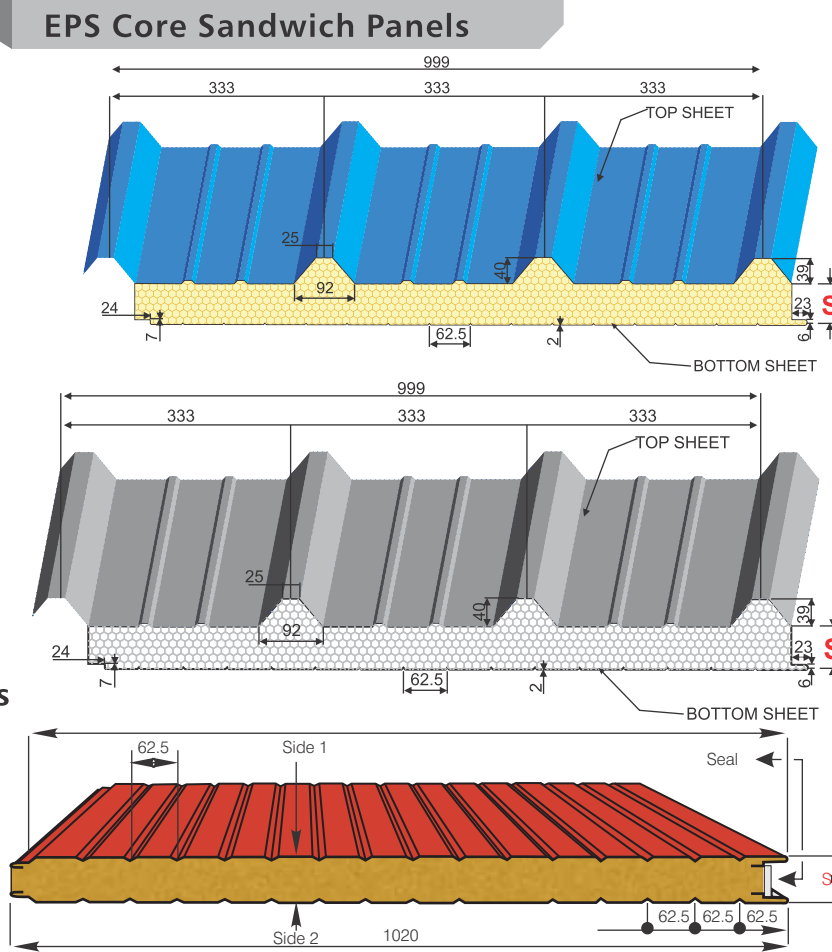


### Rock wool Core Sandwich Panels



Sandwich panels are produced in a continuous manufacturing process, The top and bottom coil (sheet metal) are clamped onto the plants unwinding unit and fed into the machine. In the first step, "corona system" cleans both reverse sides of the sheet metal using high frequency to remove greases and dirt and to guarantee the best possible subsequent full spread adhesion between foam and sheet metal, thereafter the protective films are rolled onto outside of both metal sheet.

### Rock wool Core Sandwich Panels



### Effective Width and Length

	Wall	Roof
Width	1000 mm	1000 mm
Length	Up to 12000 mm	12000 mm

### THERMAL CONDUCTIVITY\*

EXPANDED CLAY	0.100
STRAW	0.090
WOOD WOOL	0.060
COCONUT FIBER	0.050
CORK SHEET	0.045
MINERAL WOOL	0.040
POLYSTYRENE	0.035
POLYURETHANE	0.024

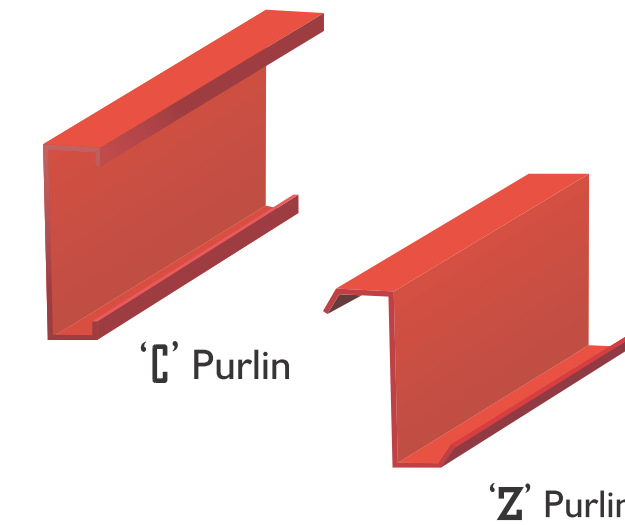
\* IN WATTS PER METER AND KELVIN (W/mK). THE LOWER THE VALUE THE BETTER THE INSULATION.

### 35 mm PUF is equal to

50 mm EPS (Thermocol)
55 mm Glass wool
60 mm Mineral wool
80 mm Fiber board
175 mm Wood
475 mm Concrete
1075 mm Thick Brick work

## Z and C Purlin

Secondary member



Available Finish :  
Redoxide/Galvanized and HR



## Composite Flor Deck



Intermediate mezzanine floors are possible in metal buildings. Mezzanine floors can be provided in complete or partial area in Pre-engineered Buildings to suit loading requirements for office and storage. Mezzanine floors consist of steel decks, supported by joints framed to the mezzanine beams. Main mezzanine beams normally run across the width of the building and are located under the

main rafters while joints run parallel to the length of the building. The top flange of the joints fits immediately below the top flange of the mezzanine beam. The economy of the mezzanine floor is affected by the applied loads and support column spacings.

