

ROOFTOP VIEWS AND GOOD VIBES.



- Durable and strong
- Superior corrosion resistance
- Low maintenance
- Thermal reflective
- Aesthetic appearance
- Cost effective
- Weather resistant
- Environment friendly
- Ideal for all roofing and cladding applications

CORRUGATED ROOFING SHEETS





A Legacy of Trust

We are engaged in providing high quality Colour Coated Roofing Sheet that is used in different commercial places. The offered roofing sheet is manufactured by using superior quality raw material and innovative technology by our skilled professionals in sync with industry norms. Apart from this, provided roofing sheet is available in variegated sizes, colors and specifications as per the needs of our clients.

● TRAPEZOIDAL PROFILE ROOFING SHEETS

Our range of Pre-Engineered Buildings, Roofing, Cladding and Rainwater Systems, made from raw materials of the highest quality in accordance with strict ASTM/JIS/AS and IS standards, offers flexibility of design to suit any construction need be at your

**FACTORY
SCHOOL
ROOF TOP**

**WAREHOUSE
COLLEGE
FARM HOUSE**

**HOTEL RESTAURANT
GARDEN SHED GARAGE,
SHELTERED WALKWAYS & SECURITY GUARD SHELTER.**

Our products are made to meet your aesthetic needs as well.

● SUPERIOR PROCESS

Our integrated processing plant is capable of producing cold rolled steel to exacting standards. We have the advantage of very precise gauge control of the substrate owing to our most modern CR mills. We coat the CR coils with uniform thickness of zinc in our two continuous galvanizing lines. The galvanized coils are tension levelled and skin passed for superior organic cont adhesion For supenor pre palm properties we employ the world best two coat two bake technology The finished steel coil is bealed with chemicals en preparation for the color coating. Primer is applied on both the surtaces of the meat and is tused at optimum temperatures. The metar then receives the final color coat on both the surface faces. The color coat is again besed in Calanary ovens. The trished pre ermed coil is then roll formed to produce mechanically sound and structurally superior profites for rooling and cladding

● SUPERIOR PERFORMANCE

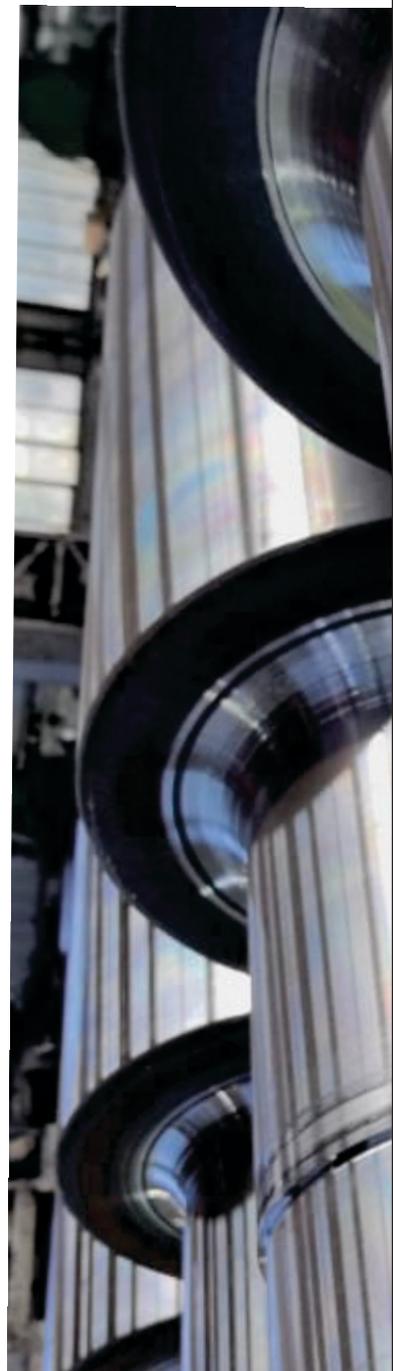
ROOFSY profiles made of quality metal substrates with high performing pre-treatment, primer and topcoat all brought together in a carefully controlled manufacturing process that delivers best quality and performance. Every profile is tested and optimized for error free performance year after year. Usually, these profiles do not need a revisit for decades. Superior color adhesion and precise zinc coating ensure better corrosion resistance and cut-edge protection. Use of high performance paints like High Durable Polyester (HDP) and Poly Vinylidene Floride (PVDF) means the sheets color and gloss over a long period of time.

● BETTER CORROSION RESISTANCE

A uniform zinc coat on quality substrate is further coated with primers and organic color coats. The coats are baked in high performance Catenary ovens. This process provides better barrier and sacrificial coatings that resist corrosion even in highly saline environments.

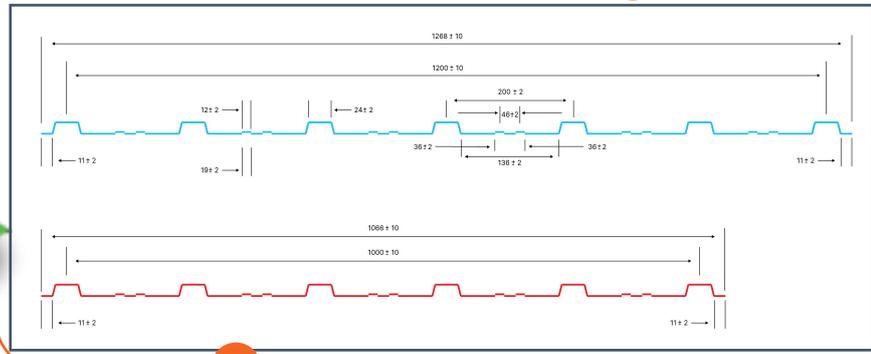
● BETTER UV RESISTANCE

Most coatings fail when exposed to sunlight over prolonged period. The UV rays in the sunlight penetrate deep into the paint destroying the underlying molecular structure, which results in loss of glom fading, chalking, brittleness and loss of coating adhesion. Through continuous research with our point manufacturing partners, we have been able to resist the effects of UV rays on our profiles significantly Better coating and enhanced technologies result in ROOFSY profiles retaining gloss, color and adhesion integrity for many years.

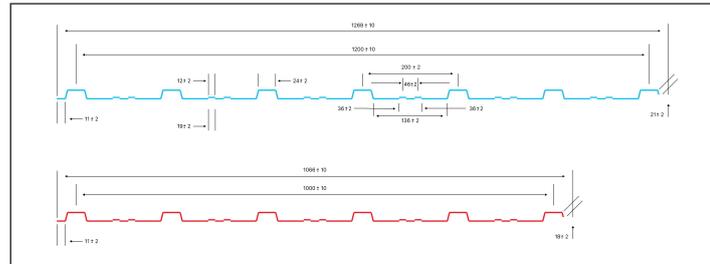




TRAPEZOIDAL PROFILE ROOFSY



Other Manufactures



MATERIAL SPECIFICATIONS

PPGI

Pre-Painted Galvanized Steel Sheets (Gi-Base)

Zinc coating	2.120 GEM
Primer service coat	5 microns / PU on both sides
Paint coating	Regular Modified Polyeste(RMP)
	(Optional - silicon Modified Polyester & PvF 2)
Painting thickness (top)	18-20 microns
Painting thickness (bottom)	5-7 microns
Surface paint reflection	semi Gloss/Matt finish
Conforms to	ASTM A653, A755, JIS G3302, G3312
	Is277, 513, 14246, As1397

PPGL

Pre-Painted Alu-Zinc Steel Sheets (Galvalume*)

(55% Aluminium 45% Zinc Alloy)

Alu - Zinc coating	AZ 150 (Optimal Az70) GSM
Primer service coat	5 microns epoxy / PU on both sides
Paint coating	Regular Modified Polyeste(RMP)
	(Optional - silicon Modified Polyester & PvF 2)
Painting thickness (top)	18-20 microns
Painting thickness (bottom)	5-7 microns
Surface paint reflection	semi Gloss/Matt finish
Conforms to	ASTM A762 A755, JIS G3321, G3322
	As1397
Yield Strength	300 - 550 Mpa

NCGL

Non-color Alu-Zinc Steel Sheets (Bare Galvalume*)

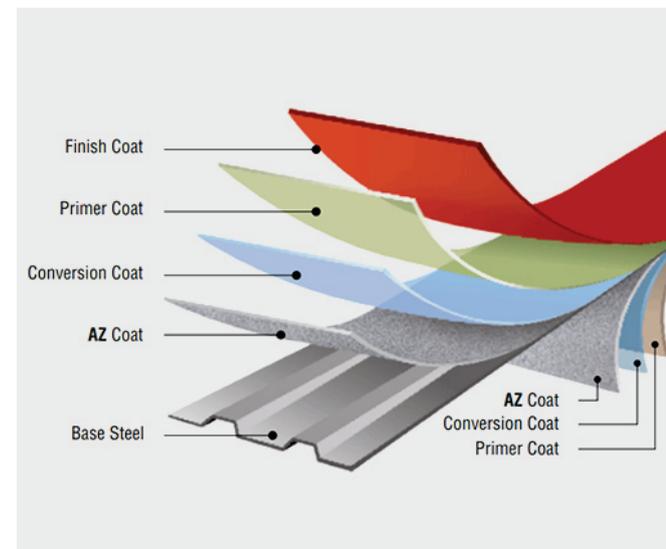
(55% Aluminium 45% Zinc Alloy)

Alu - Zinc Coating	AZ 150 (Optimal Az70) GSM
Conforms to	ASTM A792, JIS G 3321, AS 1397
Yield strength	300 - 500 Mpa

Colour Shades



MATERIAL STRUCTURE



SUPERIOR QUALITY STEEL

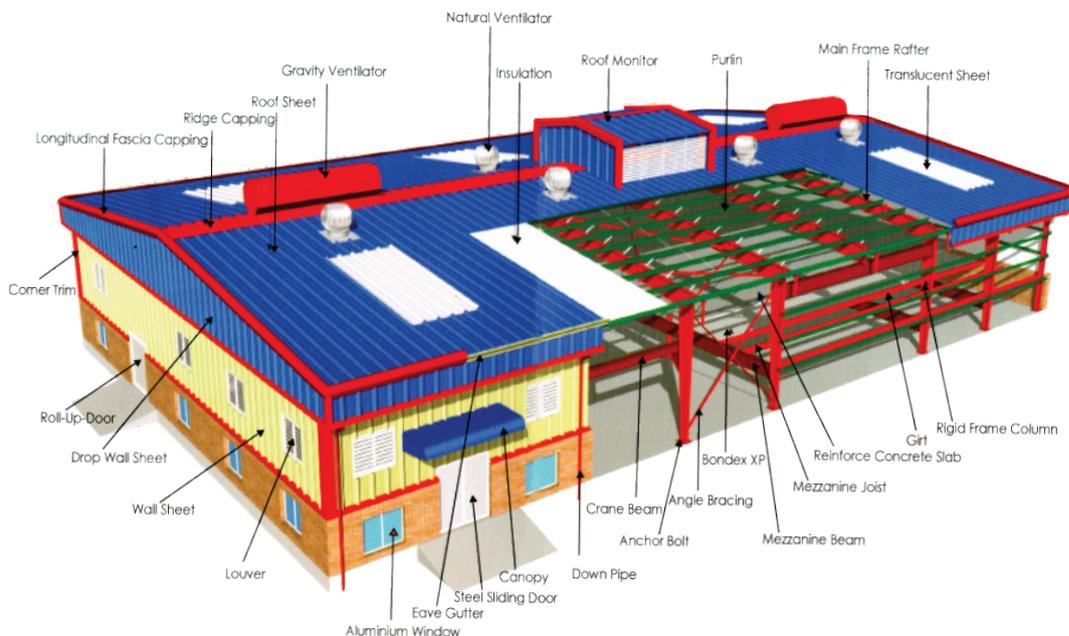
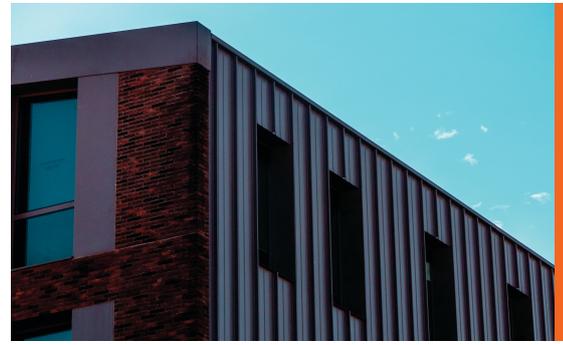
Colour Coated Al-Zinc alloy coated steel is manufactured using high quality hot metal made of most superior and environmental friendly technology. It offers several grades including high tensile steel with a yield strength of 550 mpa to meet the need of various applications.

SUPERIOR PAINT TECHNOLOGY

Colour Coated Ai-Zinc alloy steel is available in a variety of paint systems like Regular Modified Polyester (RMP) Silicon Modified Polyester (SMP), Super Durable Polyester (SDP), Poly Vinylidened Fluoride (PVDF) etc. The base metal has the first layer of primer coating on both top & bottom surface for superior adhesion with the paint system. The final paint coating provides additional protection to withstand harsh weather conditions and other factors affecting longer life. The superior coating technology resists cracking and peeling even during heavy forming operations.

EXCELLENT CORROSION PROTECTION

Colour Coated is available in a wide Al-Zinc alloy coated range (70 to 200 gsm) to provide excellent corrosion protection in various climatic conditions.



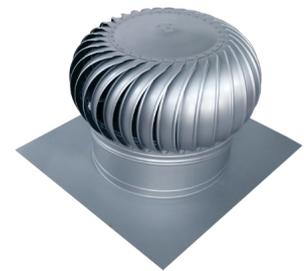
AIR VENTILATOR

Working Principal Turbo Ventilator Utilizes Wind Energy to Create Airflow by Centrifugal Action. Centrifugal Action, a Centrifugal Force is Created by Rotating Vanes Which in Turn Creates a Low Pressure Zone Which Then Draws in Fresh Air From Outside And Throws Out Hot and Polluted Air From Inside the Shed. Such a Continuous Cycle Creates Air Ventilator.



PRODUCT FEATURE

- Reduces temperature, humidity & suffocation
- Double exhaust system
- No operating and maintenance cost
- Economical and 100% power saving,
- Available in different Sizes
- Available in different Material





CRIMPING



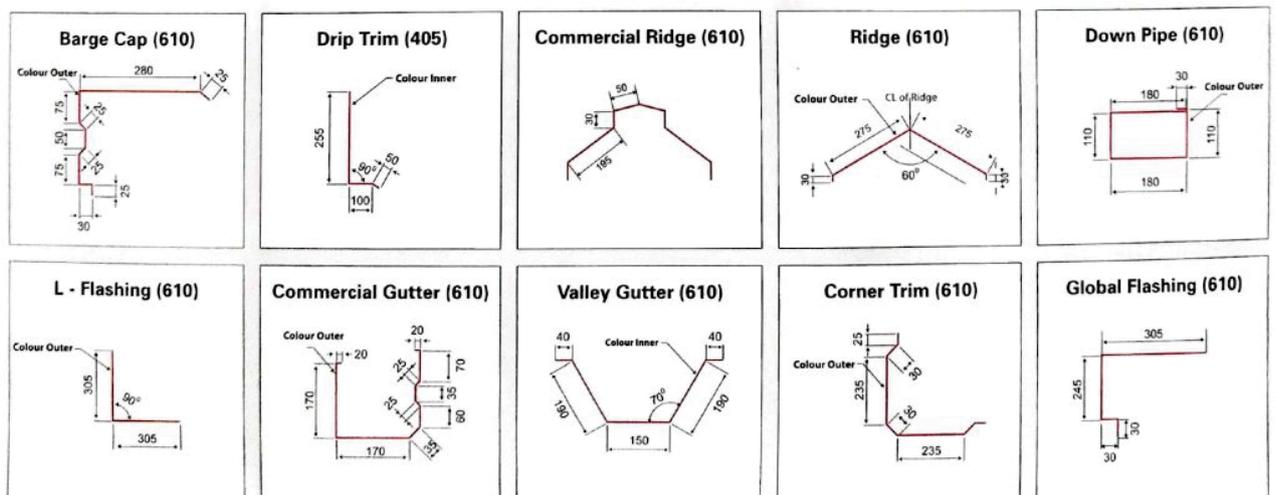
FRP SHEET



POLYCARBONATE SHEET



ACCESORIES



*All Dimensions are in Millimeters

Load Chart

Allowable Uniform Load kg / m ²												
Sheet TCT (MM)	Load Case	Purline Spacing Meter										
		1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0
0.35	udi-DLLL	306.4	230.2	117.3	139.5	111.7	90.8	74.8	62.4	52.5	44.7	38.3
	udi-WIND	574.6	431.7	332.5	261.5	209.4	170.2	140.3	116.9	98.5	83.8	71.8
0.4	udi-DLLL	395.7	297.3	229.0	180.1	144.2	117.2	96.6	80.5	67.8	57.7	49.5
	udi-WIND	741.8	557.4	429.3	337.7	270.4	219.8	181.1	151	127.2	108.2	92.7
0.47	udi-DLLL	521.6	391.9	301.9	237.4	190.1	154.6	127.4	106.2	89.4	76.1	65.2
	udi-WIND	978.1	734.8	566.0	445.2	356.4	289.8	238.8	199.1	167.7	142.6	122.3
0.5	udi-DLLL	574.4	432.3	333.0	261.9	209.7	170.5	140.5	117.1	98.7	83.9	71.9
	udi-WIND	1078.9	810.6	624.4	491.1	393.2	319.7	263.4	219.4	185.0	157.3	134.9
0.6	udi-DLLL	736.8	553.6	426.4	335.4	268.5	218.3	179.9	150.0	126.3	107.4	92.1
	udi-WIND	1381.6	1038.0	799.5	628.8	503.5	409.4	337.3	281.2	236.9	201.4	172.7

Section Weight

Per Piece Weight in kg. 0.50mm Average							Meter	0.3048 * (Feet)	Per Piece Weight in kg. 0.60mm Average						
8 Ft.	10 Ft.	12 Ft.	14 Ft.	16 Ft.	18 Ft.	20 Ft.	Sq. Meter	0.093 * (Sq. Feet)	8 Ft.	10 Ft.	12 Ft.	14 Ft.	16 Ft.	18 Ft.	20 Ft.
11.20	14.00	16.80	19.60	22.40	25.20	28.00	Feet	3.28 * (Meter)	13.60	17.00	20.40	23.80	27.20	30.60	34.00
							Sq. Feet	10.76 * (Sq. Meter)							

Weight Calculation system in Meter (Thickness * Width * Length * 7.80)

DISCLAIMER

- The sectional properties above are for general information only.
- Kindly consult your structure engineer for your decision.

KEY FEATURES



20 Year Warranty



ISI Approved



**Unique Colours
for Outside**



Special High Grade Paint



**Aluminium-Zinc
Galvalume Coating**



Mark of High Quality



**Optimum Temperature
Management**



Anti-Corrosion



Authorised Distributor



: Contact Now :

75175 10188
connect@roofsy.in

96387 87496
www.roofsy.in



A home as colourful
as your dreams

Beautiful Inside.
Beautiful Outside.



ROOFSY, Behind Ayodhya Residency, Mirzapur Road, Bhuj - Kutch, Gujarat 370001, INDIA.