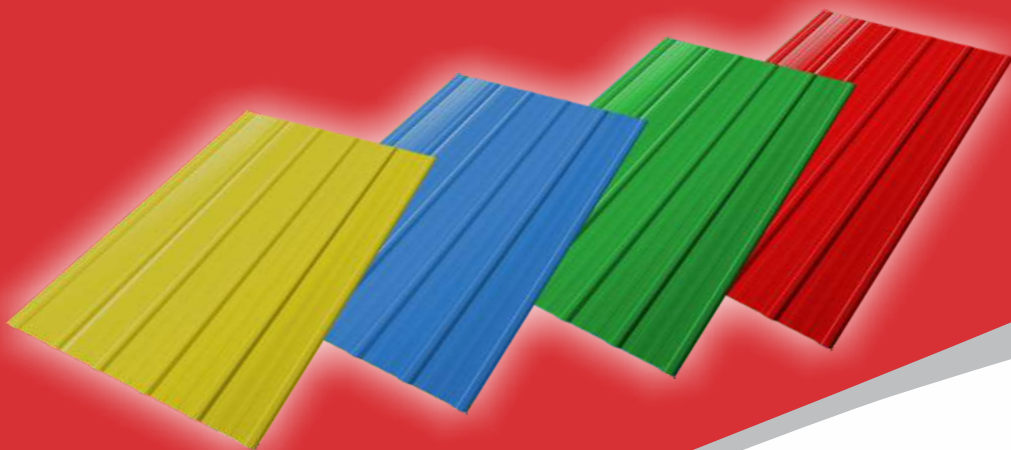




# Colour Max Metal Roofing & Wall Cladding THE EVERLASTING ROOFING SYSTEM

**STRONG AS WELL AS BEAUTIFUL**

Hi-Rib Profile Sheets | Tile Profile Sheets



Indian Power Brand, 2018 Award



WORLD CONSULTING & RESEARCH CORPORATION  
ASIA'S MOST PROMISING BRANDS  
VALUED BY CONSUMERS & INDUSTRY  
Category: Manufacturing Goods Promising  
Country: India



WINNER OF THE  
WORLD'S GREATEST BRAND  
2015 ASIA & GCC

**KAMDHENU**  
**COLOUR MAX**  
COLOUR COATED METAL SHEETS

## KAMDHENU LIMITED

The story of hard work and success started in the year 1995 where a creative young individual started working in a production unit and instigated this expedition into India's steel sector with a single reinforcement steel bars manufacturing unit at Bhiwadi in Rajasthan. KAMDHENU Brand Name that reverbs of strength, durability and dependence has registered the utmost Brand recall in the construction industry.

The hard slog and uphill struggle soon, within the flashes of year brought the journey to a milestone with Kamdhenu, where the business took shape of a company of towering reputation, in the Indian Steel market.

What started as a single manufacturing unit has now twigged into more than 60 manufacturing units under license user agreements across the country and the string seems to be getting longer.

Kamdhenu has in its list of manufacturing, a diverse range of products including Reinforcement Steel TMT Bars (Kamdhenu Nxt Double Rib TMT Bars), Structural Steels (Channels, Angles, Beams, Square, Round, Flats & Pipes) Colour Coated Sheets, Binding Wire, PEB, Plywood, Paints and many more.

## Kamdhenu Colour Max Metal Roofing & Wall Cladding

Kamdhenu is having very good presence in Pan-India. We are committed to increase our market share multifold within couple of years. Kamdhenu Colour Max Metal Roofing & Wall Cladding is very Low maintenance, high resistance to weather, strong, safe, durable, high strength to weight ratio, leak proof and Thermally efficient.

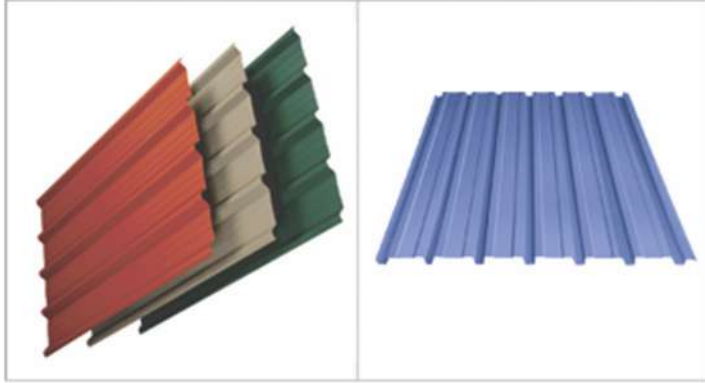
## QUALITY POLICY



We, at Kamdhenu are committed for continuous improvement in the quality system. We endeavour for customer satisfaction by providing quality product on time, enhancement in turnover, control on raw material consumption & trained motivated employees at all levels.

# Trapezoidal Profile Sheets

Kamdhenu Colour Max Hi Rib is our range of Trapezoidal Roofing and Cladding products. Kamdhenu Colour Max Hi Rib is durable, strong and thermal efficient. It comes in wide variety of colours, finish and material. It looks attractive and gives high aesthetic look to the building along with maintaining its strength.



## Material Specification

### Technical Specifications

#### Pre-Painted Galvanized Steel Sheets (GI-Base)

Zinc coating:	Z 120 GSM
Primer service coat:	5 microns epoxy / PU on both sides
Painting thickness (top):	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

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

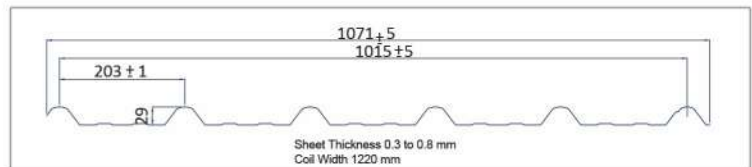
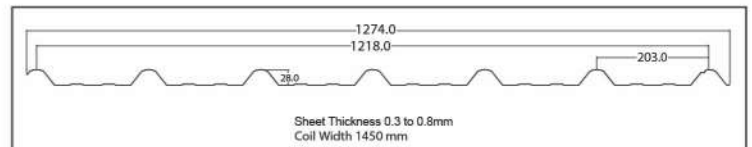
(55% Aluminium 45% Zinc Alloy )

Alu - Zinc Coating:	AZ 150 (Optimal AZ 70) GSM
Primer service coat:	5 microns epoxy / PU on both sides
Painting thickness (top):	20 microns
Painting thickness (bottom):	5-7 microns
Surface paint reflection:	Semi Gloss / Matt finish
Conforms to:	ASTM A792, A755, JIS G3321, G3322, AS1397

Yield Strength: 240 - 550 MPa

- High material strength for roofing and wall applications
- Accurate thickness, width & length helps in better installations
- Anti-capillary groove ensures leak-proof roof
- Excellent thermal insulation
- Wider valley ensures higher water discharge during heavy rains
- Cost efficient due to Continuous length profile

## Material Drawings



## Material Dimension

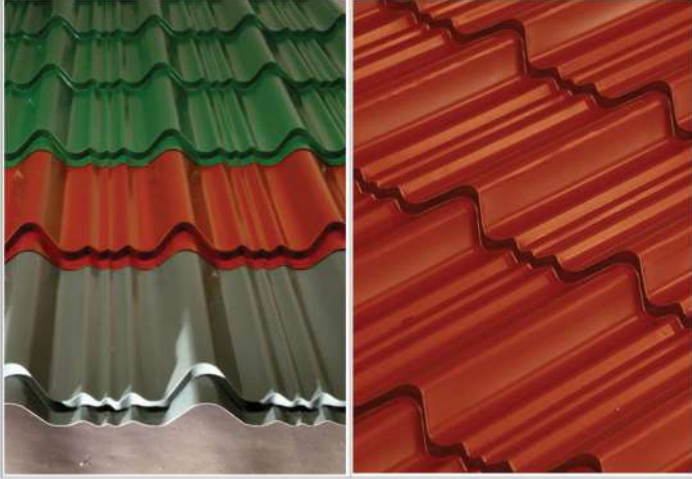
### Total Coating Thickness (TCT)

Range: 0.35mm to 0.80mm

Profile	Effective Width (EW)	Pitch (P)	Depth(D)	Sheet Width (SW)
Trapezoidal Roofing	1015mm (+/-5)	203mm (+/-1)	29mm(+/-2)	1071mm(+/-5)

## Tile Profile Roofing Sheets

Our steel roofing tiles are creative, strong and are versatile in function. Kamdhenu Colour Max Tiles Profile are also our flagship brand in steel roofing tiles segment. Kamdhenu roofing tiles are the perfect blend of tradition with technology. They are made with advanced modern technology and raw material made by international standards and yet do not sacrifice the traditional look of the roof. Our roofing tiles have design benefits and are tested for harsh weather conditions.



**Kamdhenu Colour Max Tile** range of roofing tiles complements the beauty of your building and also acts as a shield in unfavorable weather conditions. Specially designed for hilly areas, our roofing tiles are ideal for high altitudes and cold weather conditions. Glossy finish and Matt finish are two different surface finishes to choose from for your roofing tiles along with the entire world of attractive colours.

Kamdhenu Colour Max Tiles are:

- Corrosion resistant, thermal efficient and has appreciable sound dampening
- Lightweight, easy to install, simplified handling
- Attractive and comes with a variety of colours and finish
- Unique and have high strength to weight ratio
- Environment friendly and can withstand extreme weather conditions

## Material Specification

### Technical Specifications

#### Pre-Painted Galvanized Steel Sheets (GI-Base)

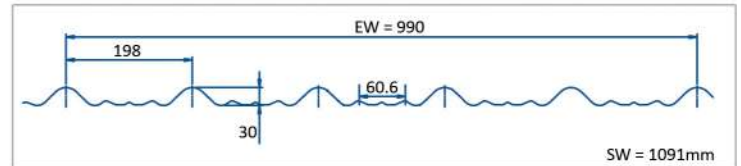
Alu - Zinc Coating / Zinc Coating:	AZ 150, AZ 70 / Z 120 GSM
Primer service coat:	5 microns epoxy / PU on both sides
Painting thickness (top):	20 microns
Painting thickness (bottom):	5-7 microns
Surface paint reflection:	Semi Gloss / Matt finish
Conforms to:	ASTM A653, A755, A792, GIS G3302, G3312, G3321, G3322, AS1397

#### Pre-Painted Alu-Zinc Steel Sheets (Galvalume\*) (55% Aluminium 45% Zinc Alloy)

Alu - Zinc Coating:	AZ 150, AZ 70 GSM
Primer service coat:	5 microns epoxy / PU on both sides
Painting thickness (top):	20 microns
Painting thickness (bottom):	5-7 microns
Surface paint reflection:	Semi Gloss / Matt finish
Conforms to:	ASTM A792, A755, JIS G3321, G3322, AS1397

Yield Strength: 240 - 350 MPa

## Materials Drawings



## Material Dimension

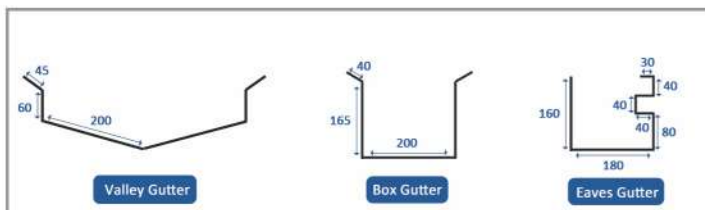
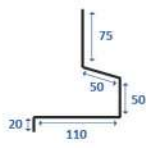
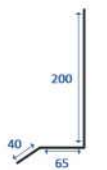
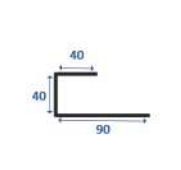
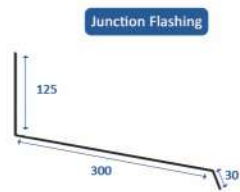
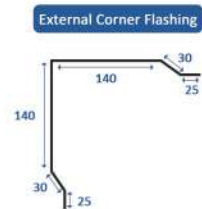
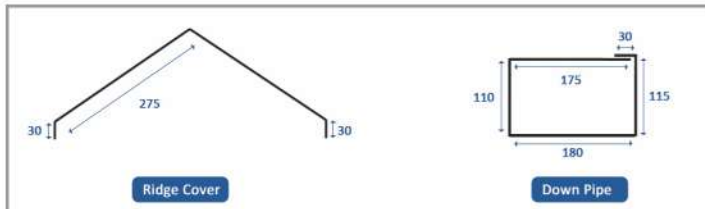
### Total Coating Thickness (TCT)

Range: 0.40mm to 0.55mm

Profile	Effective Width (EW)	Step Size +/- 2 mm	Depth(D) +/- 2 mm	Sheet Width (SW)
Tile Roofing	990mm	150mm	30	1091mm

## Accessories & Rainwater System

Kamdhenu Colour Max offers wide range of accessories and rain water systems to achieve customer satisfaction. Our accessories provide total efficiency to the roofing systems and are custom made according to requirements while also preserving its aesthetic appearance.



## Kamdhenu Self Drilling Screw



We always recommend using fasteners specially designed for color coated roofing, as poor quality fasteners can not only damage the sheet but also causes corrosion.

Self Drilling Screws eliminate separate drilling & tapping operation for fasteners and results in more economical installations.

At Kamdhenu, we use state of the art forging process technology & produce tools as per strict specification to provide a sharp, clean & consistent drill point.

Its high performance protective coating provides consistent results and high corrosion resistance in construction applications. These finished fasteners are environment-friendly and free from chromates, silicates & any process like electroplating, which might induce hydrogen embrittlement and this prevents structural fail-



## Curved Profiles

Kamdhenu Colour Max also produces Arch/ Curved Profile, which is available in concave as well as convex shape to add more beauty to architectural features in the building.



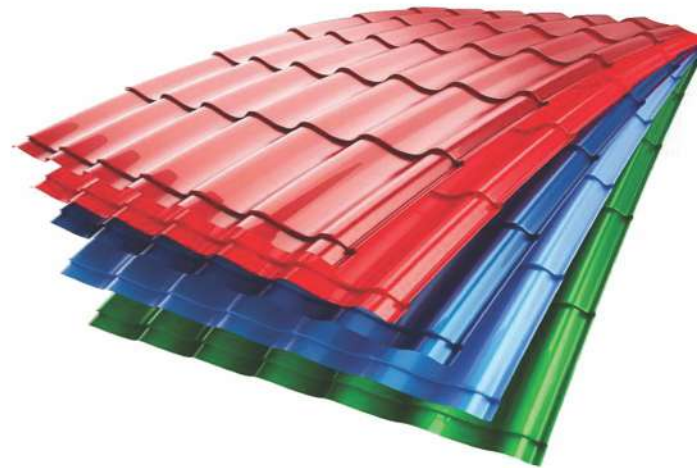
## Select from Spectrum of colours

Discover the world of colours with Kamdhenu Colour Max pre painted products. Our versatile colour metal products make your dream building look stylish and elegant. We offer wide variety of colours for your selection which comply with international RAL system, the international standard for the standard colours used in architecture, construction, industry and road safety.

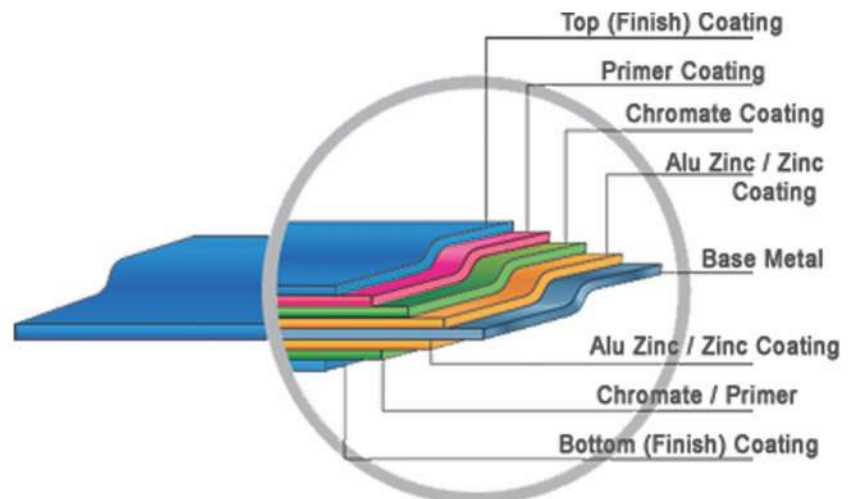


## Excellent Durability and Endurance

Kamdhenu products are made from carefully selected raw material and strict quality policies. Our long association with steel industry and strong technical knowhow enables us to choose the best raw material quality and deliver the best to you. The raw material used (Pre painted galvanized sheet, Galvalume sheets) possess some inherent qualities which enhances the durability and endurance of the finished product.



## Physical Structure of Products



# Product Highlights



Low Maintenance



Exceptional corrosion resistance



High resistance to weather



Flexible designs and attractive colours



Environment friendly and fire proof



Optimum coverage of space



Strong, safe and durable



Accurate thickness, width and length ensures symmetry and smooth installation



High strength to weight ratio



Can withstand harsh weather conditions and strong winds



Thermally efficient



Leak proof



WINNER OF



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