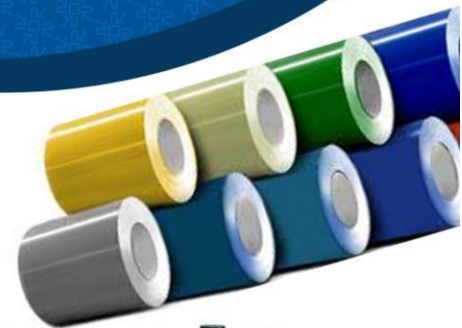
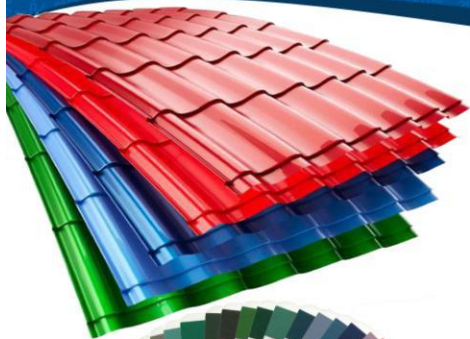
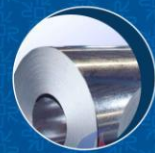
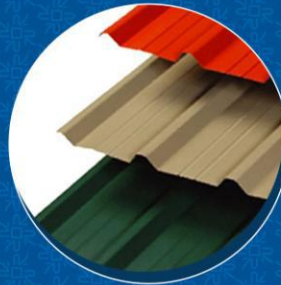




# Radiant

"We Design it your way"

RADIANT PROFILES AND STEEL PRIVATE LIMITED



## OUR MISSION:

Radiant's mission is to achieve excellence through Quality, commitment to customers, continuous Product Innovation and Technology Up-gradation.

## OUR VISION:

Radiant's vision is to become a leader in its product lines through continuous innovation and best practices. We believe in ourself as the face of the industry having customer centric approach and providing solutions in the best possible way.

Radiant will inspire its employees to be the best they can be. We will provide sustainable prosperity through value addition to community and environment.

## WHO WE ARE:

Radiant Profiles and Steel Private Limited is an amalgamation of various industry veterans and professionals with one goal, "to provide our customers with value for money quality products." The company took shape keeping in mind the ultimate dream and needs of its customers. Believing in the philosophy that the technology can keep us pace with time, we have invested to build a state of art manufacturing unit in Punjab, India to process and provide roll forming and flat steel solutions with the latest technology.

We are a team of professional who have serviced the steel industry for more than three decades. We know the criticality of customer requirement and thus incorporated a system to service the customer needs. We believe in the philosophy of togetherness so as to attain our common dreams.

## QUALITY POLICY

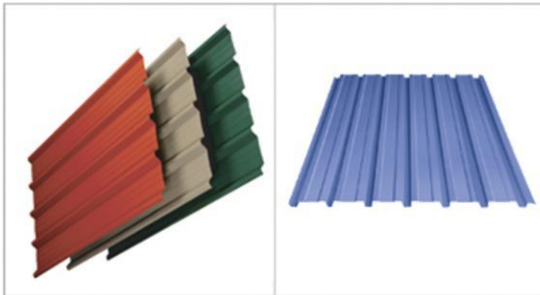


Superior quality and superior service are the main motto of Radiant. Our superior technology, advance equipments, robust infrastructure, qualified staff, skilled technicians complements our quality and promise to deliver value for money products. We are committed to provide you with products that will meet highest level of quality.



## Trapezoidal Profile Sheets

Radi Hi Rib is our range of Trapezoidal Roofing and Cladding products. Radi 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.



- 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 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):	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

#### 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
Painting thickness (top):	18-20 microns
Painting thickness (bottom):	5-7 microns
Surface paint reflection:	Semi Gloss / Matt finish
Conforms to:	ASTM A792, A755, JIS G3321, G3322, AS1397

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

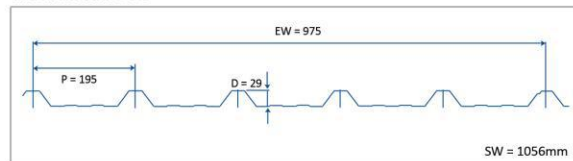
(55% Aluminium 45% Zinc Alloy)

Alu - Zinc Coating:	AZ 150 (Optimal AZ70) GSM
Conforms to:	ASTM A792, JIS G 3321, AS 1397

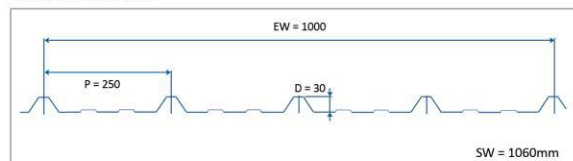
Yield Strength: 245 – 550 MPa

## Material Drawings

### Radi Hi Rib 195



### Radi Hi Rib 250



## Material Dimension

### Total Coating Thickness (TCT)

Range: 0.35mm to 0.80mm

Profile	Effective Width (EW)	Pitch (P) +/- 5mm	Depth(D) +/- 2 mm	Sheet Width (SW)
Trapezoidal Roofing	975mm 1000mm	195mm 250mm	30mm 30mm	1056 mm 1060mm

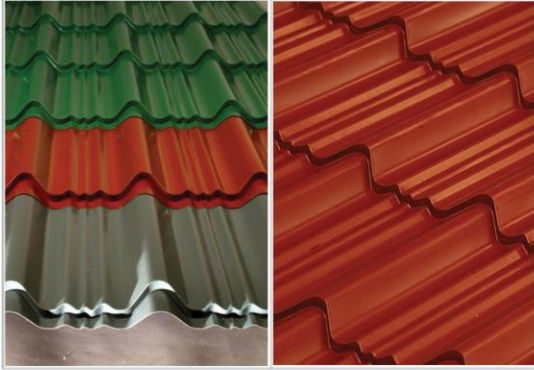
Varion +/- 10mm \* Galvalume - Generic Name



Radiant

## Tile Profile Roofing Sheets

Our steel roofing tiles are creative, strong and are versatile in function. Radi Chinar Super Gold and Radi Tile are our flagship brands in steel roofing tiles segment. Radiant's roofing tiles are the perfect blend of tradition with technology. They are made with advance 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.



**Radi Chinar Super Gold and Radi Tile** range of roofing tiles complements the beauty of your building and also acts as 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 entire world of attractive colours.

Radiant's roofing tiles are:

- Corrosion resistant, thermal efficient and has appreciable sound dampening
- Lightweight, easy to install, simplified handling
- Attractive and comes with 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):	18-20 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, AZ70 GSM
Primer service coat:	5 microns epoxy / PU on both sides
Painting thickness (top):	18-20 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: 235 – 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	788mm 985mm	100mm to 350mm	15/25 30/35	900mm 1100mm

Varion +/- 10mm \* Galvalume - Generic Name

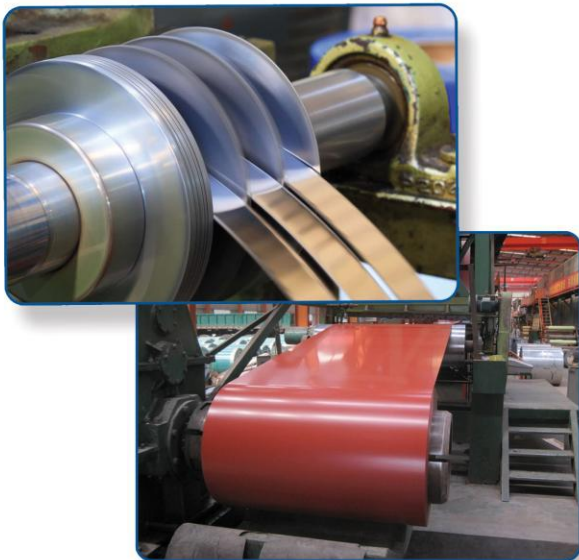


Radiant

## METAL SERVICE CENTRE SERVICES

Radiant has tailor made solutions for all sheet metal products for customers to meet their diversified requirements. We have strong established relationships with key industry players and effective professional guidance,

Radiant and its metal service channel partners operate a full- fledged Metal Service Centre consisting of several Slitting & Cut-to-Length Lines, Roll Forming Lines. Our state of the art roll feed and flying die shearing lines perform a variety of operational functions including cut sheet leveling, edge trim, cut-to-length, classification, sheet stacking from the heavy to light gauge Hot rolled, Cold Rolled, Galvanized and Pre Painted coils and plates. Our end to end control over the production process and professional supervision from raw materials up to the finished product allows us to offer swift delivery with customer satisfaction.



## TRADING AND DISTRIBUTION

Team at Radiant has long history in trading space. We are in multi commodity trading business with presence in various geographies. Our strong international and national relations keep us informed with latest trends and prices. We handle regular shipments for Flat and MS steel internationally and our local suppliers give us immense support and regularity.

Marketing and distributing our existing products lineup has made us a strong distribution house in North India. We have our distribution channels and representatives in all the North Indian states giving us full control over our supply chain process and also provide us regular updates on market happenings.



Radiant

## Select from Spectrum of colours

Discover the world of colours with Radiant 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.

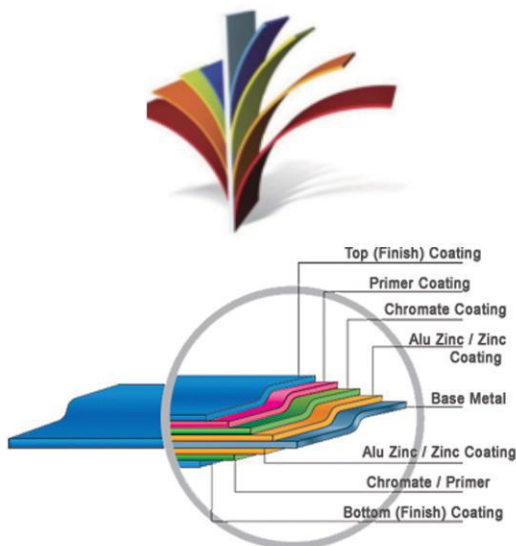
The RAL card can be downloaded from our website [www.radiantprofiles.in](http://www.radiantprofiles.in) or call any of our representatives to assist you in your colour selection.



## Excellent Durability and Endurance

Radiant 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
-  **Safety** Strong, safe and durable
-  Accurate thickness, width and length ensures symmetry ensures smooth installation
-  High strength to weight ratio
-  Can withstand harsh weather conditions and strong winds
-  Leak proof – Any capillary groove ensures that
-  Thermally efficient





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