

# Lightweight & Eco-friendly Asphalt Roofs



NATIONAL  
TEST HOUSE  
TESTED





# XTREME THERM

## PRE-INSULATED ASPHALT ROOFING SHEETS

### Introducing XTREME THERM

Our latest innovation in roofing, engineered to deliver unmatched thermal efficiency, durability, and aesthetics. Whether you're tackling extreme heat or heavy rains, Xtreme Therm gives your building the protection it deserves.

### KEY FEATURES:

- **High-performance thermal insulation**  
keeps interiors significantly cooler
- **Weather-resistant coating**  
protects against UV, rain, and corrosion
- **Lightweight yet tough**  
ideal for fast installation and long-lasting use
- **Designed for industrial, commercial, and high-end residential projects**

*Available in multiple colors*



Terracotta Red



Hunter Green



Pacific Blue



Raven Black



Tawny Brown



Slate Grey





# About Skylanes Asphalt Roofing Sheets

**Skylanes Asphalt Roofing Sheets** are the perfect roofing solution—eco-friendly, long-lasting, and economical. Available in a variety of **sizes, thicknesses, and vibrant color options**, these sheets cater to a wide range of applications and aesthetic preferences. **All variants are coated with premium water-based paints from Nerolac**, India's leading paint company, ensuring enhanced aesthetics and long-lasting protection.

Skylanes Asphalt Roofing Sheets are made from **recycled paper waste, natural fibrous materials, and bitumen**, combined under intense pressure and heat to deliver **excellent weather resistance**. The color pigments used have exceptional retention, even in extreme sunlight. These sheets are **lightweight, easy to install**, and built to withstand all kinds of weather conditions.

They are especially suitable for **tropical areas**, as they **do not rust or corrode**. In addition, they **absorb both noise and heat**, making them ideal for regions with **high temperatures** and **heavy rainfall**.

Skylanes sheets can be used for both **new constructions** and **renovation projects**, whether on wooden or metal frameworks. Their versatility makes them suitable for **residential, commercial, and industrial applications**.

They have been proven to survive **extreme temperatures, heavy rainfall, cyclones**, and strong winds. Thanks to their **lightweight yet durable build**, they stay secure even in storms, reducing the risk of injury or property damage.

Unlike traditional roofing materials, **Skylanes Asphalt Roofing Sheets significantly reduce rainnoise** and offer **natural heat reduction**. Considering all the features they offer, they are an **inexpensive and highly effective roofing solution**.

**For the first time in India, Skylanes introduces Xtreme Therm—a pre-insulated asphalt roofing sheet** with built-in thermal insulation. Designed for **superior temperature regulation**, it's ideal for **hot climates** and **energy-efficient buildings**.





## About us

Skylanes is India's leading manufacturer of Asphalt Roofing Sheets. The parent company Light Roofings Ltd. was established in 1969 and started production of the Asphalt corrugated sheets at Chengalpattu, Tamilnadu and it was the first of its kind to be produced in the country.

Observing the rising demand for lightweight roofing in the 1980s, Skylanes and Allied Products Private Limited was incorporated in 1989 and is the sole manufacturer of Asphalt Lightweight Roofing Sheets in India till date. For over 30 years until now, the core business has focused exclusively on the Indian market and has exported to other regions as well.

Skylanes Asphalt Roofs have National Test House Certification and are also certified under the quality management system ISO 9001:2015 and ISO 14001:2015 for Environmental management system. In 2024, Skylanes and Allied Products Private Limited entered into a strategic joint venture with Paramount Intercontinental Pvt. Ltd. and Parabatai Technotech Pvt. Ltd. Under this collaboration, Skylanes will focus exclusively on production, while Parabatai Technotech Pvt. Ltd. will serve as the sole global partner for marketing, sales, and installation.

## Our Vision

**"Our vision is to provide high quality affordable & sustainable roofing solutions."**

## Our Mission

**"Is to Be the Best and Most Environmentally-Friendly Roofing Sheet provider in India"**







Suitable for  
all Weather



No Health  
Hazards



Light weight  
& Strong



Low Structural  
Cost



Water Proof  
& Rust Free



Heat  
Resistant



Sound  
Resistant



Eco Friendly



High Wind  
Resistance

# Characteristics & Advantages

**Quality** - Skylanes Asphalt sheets are an easy-to-install, long-life and economical solution for roofings. The sheets are available in various colours, are particularly aging-resistant and are an eco-friendly, formaldehyde-free biodegradable product.

**High stability and light weight** - Skylanes sheets have very high strength, at the same time they are very light weight, making them easy and quick to install and allowing a light under-construction.

**Waterproofing & Thermal Properties**-They have waterproofing property and can withstand strong winds. In hot regions the material helps to maintain a comfortable temperature inside the building. Skylanes is perfect for beach areas or areas that receive heavy rainfall as it does not contain any metal making it rustproof.

**Sound Absorbing Properties**-It has sound absorbing properties, thus it absorbs the noise of heavy rain and is recommended as a acoustic solution to maintain quiet surroundings.

**Flexibility**-Skylanes sheet are also highly flexible. They can be optimally adapted to uneven underlying structures. This characteristic makes the sheets ideal for renovation work. Curvature radii of over 8 m can be laid without problems.

**Guarantee**- All Skylanes Asphalt sheets are guaranteed to remain weatherproof for ten years under normal usage, when fixed and maintained in strict accordance with the fixing instructions. The guarantee is non transferable and does not cover the aesthetic quality of the material.

## Test Results

NATURE OF TEST	RESULTS OBTAINED
Tensile Strength (As per ASTM D638:2022)	12.4 MPa
Thermal Conductivity at 48° C	Skylanes Ultra - 0.08 w/mk Skylanes Xtreme Therm - 0.05 w/mk
Density	698 Kg/m <sup>3</sup>
Compressive Strength (at Yield Point)	165.1 N
Breaking Load (Load applied upto 229.398 kgf/m <sup>2</sup> )	No tear observed
Impact Resistance (As per IS 4020-P5) (500g Iron ball dropped from a height of 1000mm)	No tear observed
Thermal Susceptibility	No softening or change in colour or surface finish when kept in 60 C for 24 hrs.
Wind speed sheet can withstand	165.6 kms/hr
Bitumen content	50.7 %



*Attractive & Aesthetic Look!*

### Color Palette



Terracotta Red



Pacific Blue



Raven Black



Hunter Green



Tawny Brown



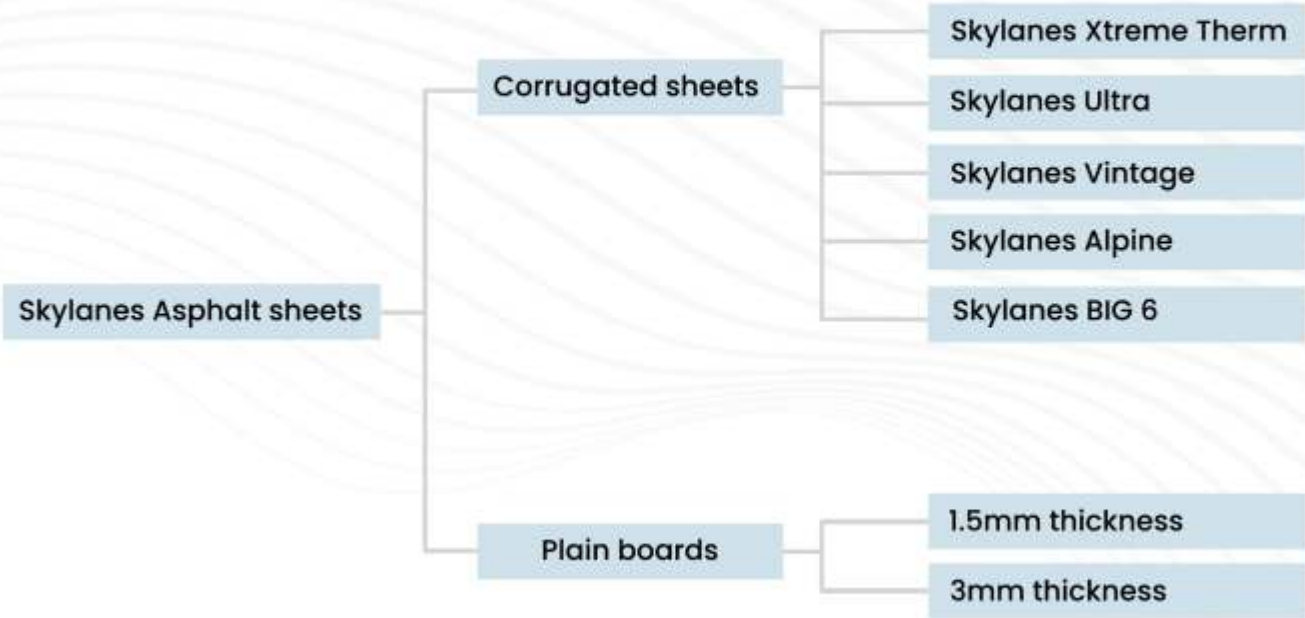
Slate Grey



# Product overview

Skylanes Asphalt sheets are available in the following versions:  
Xtreme Therm, Ultra, Vintage, Alpine and BIG 6. Plain board also available

Technical details and differences can be seen in the following table.



## Technical Specifications

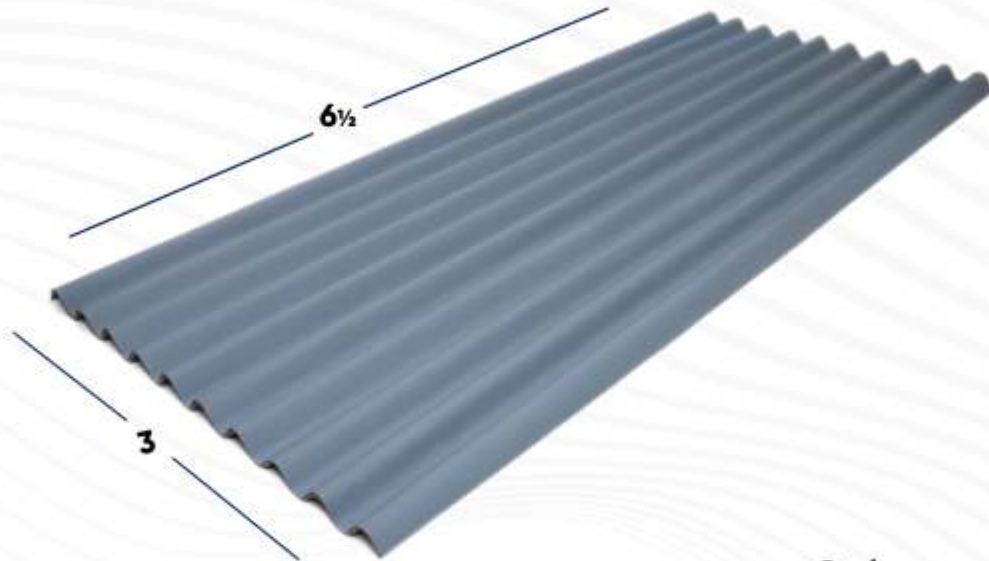
Product	Skylanes Xtreme Therm	Skylanes Ultra	Skylanes Vintage	Skylanes Alpine	Skylanes Big 6
Sheet size	2.00 x 0.90 m	2.00 x 0.90 m	1.80 x 0.75 m	1.20 x 0.80 m	2.00 x 0.75 m
Thickness	8 mm (including insulation)	3 mm	1.5 mm	2 mm	2 mm
Gross coverage area	1.80 m²	1.80 m²	1.35 m²	0.96 m²	1.50 m²
Net coverage area	1.44 m²	1.44 m²	1.08 m²	0.56 m²	1.20 m²
No.of Corrugation	10	10	8	8	6
Weight:	approx. 3.6 kg/m²	approx. 3.3 kg/m²	approx. 1.66 kg/m²	approx. 2.6 kg/m²	approx. 2.73 kg/m²
Corrugation	91/40 mm 	91/35 mm 	91/33 mm 	91/33 mm 	145/47 mm 

	Length	Width	Thickness
SKYLANES PLAIN BOARD (4x3)	1.20 m	0.90 m	1.5 & 3 mm



Ultimate In  
Performance  
and Durability!

**SKYLANES XTREME THERM**  
**(Pre-Insulated Asphalt Roofing Sheets)**  
**(6½ x3)**



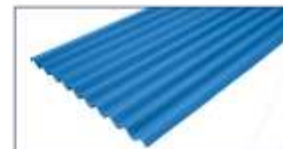
*Colours*



**Terracotta Red**



**Hunter Green**



**Pacific Blue**



**Raven Black**



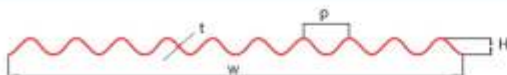
**Tawny Brown**



**Slate Grey**

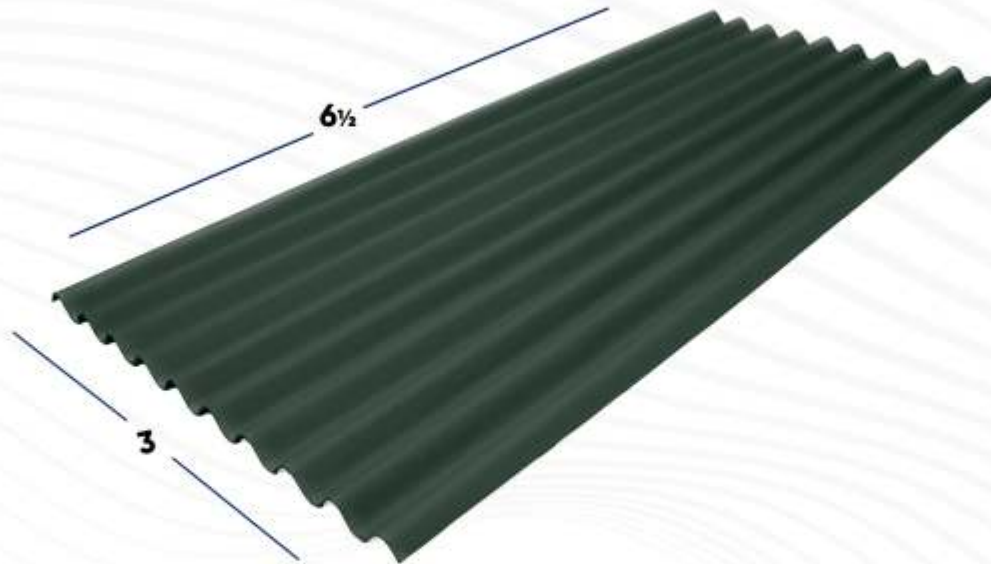
**SKYLANES XTREME THERM - TECHNICAL CHARACTERISTICS**

Length	2 m / 6½ ft
width (w)	0.9 m / 3 ft
Thickness (t)	8 mm (including insulation)
Gross coverage area	1.80 m <sup>2</sup>
Net coverage area	1.44 m <sup>2</sup>
No. of corrugations	10
Weight of the product	approx. 3.6 kg/m <sup>2</sup>
Height of corrugation (H)	40 mm
Pitch of corrugation (p)	91 mm





**SKYLANES ULTRA  
(CLASSIC PROFILE)  
(6½ x3)**



**SKYLANES ULTRA – TECHNICAL CHARACTERISTICS**

Length	2 m / 6½ ft
width (w)	0.9 m / 3 ft
Thickness (t)	3 mm
Gross coverage area	1.80 m <sup>2</sup>
Net coverage area	1.44 m <sup>2</sup>
No. of corrugations	10
Weight of the product	approx. 3.3 kg/m <sup>2</sup>
Height of corrugation (H)	35 mm
Pitch of corrugation (p)	91 mm



**Colours**



**Terracotta Red**



**Pacific Blue**



**Raven Black**



**Hunter Green**



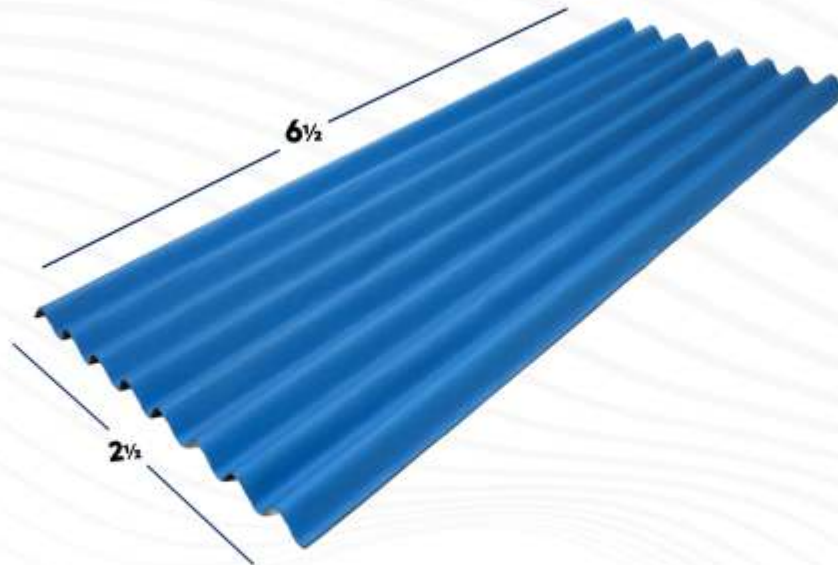
**Tawny Brown**



**Slate Grey**

## SKYLANES VINTAGE

(6½ x 2½)



### SKYLANES VINTAGE - TECHNICAL CHARACTERISTICS

Length	2 m / 6½ ft
width (w)	0.75 m / 2½ ft
Thickness (t)	1.5 mm
Gross coverage area	1.62 m <sup>2</sup>
Net coverage area	1.30 m <sup>2</sup>
No. of corrugations	8
Weight of the product	approx. 3.5 kg/m <sup>2</sup>
Height of corrugation (H)	34 mm
Pitch of corrugation (p)	91 mm



### Colour

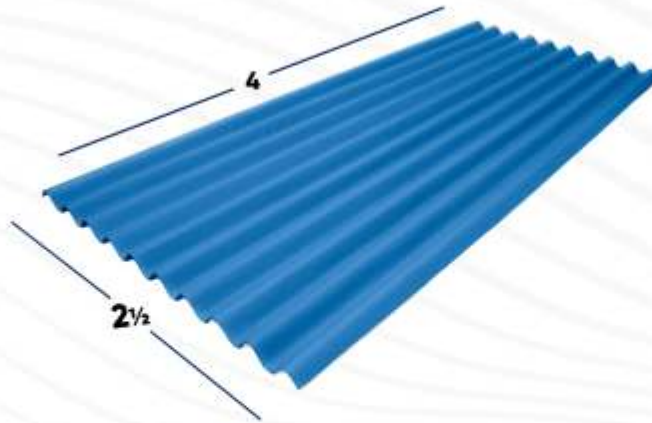


Pacific Blue



# SKYLANES ALPINE SHEET

## (4 x 2½)



### SKYLANES ALPINE - TECHNICAL CHARACTERISTICS

Length	1.2 m / 4 ft
width (w)	0.80 m / 2½ ft
Thickness (t)	2 mm
Gross coverage area	0.96 m <sup>2</sup>
Net coverage area	0.56 m <sup>2</sup>
No. of corrugations	8
Weight of the product	approx. 2.6 kg/m <sup>2</sup>
Height of corrugation (H)	33 mm
Pitch of corrugation (p)	91 mm

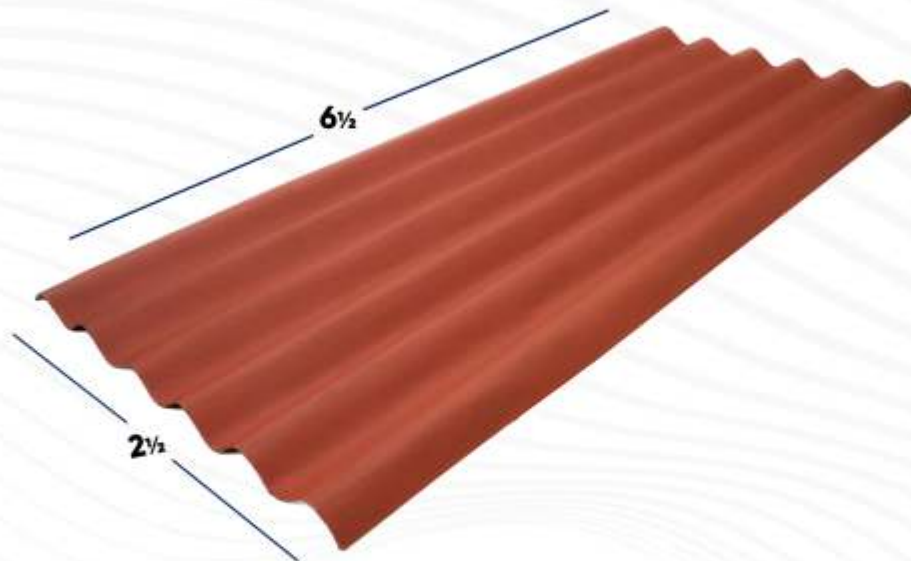


### Colour



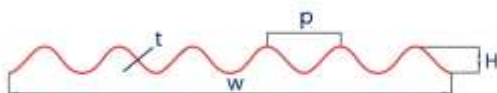
Pacific Blue

## SKYLANES BIG 6 (6½ x 2½)



### SKYLANES BIG 6 - TECHNICAL CHARACTERISTICS

Length	2 m / 6½ ft
width (w)	0.75 m / 2½ ft
Thickness (t)	2 mm
Gross coverage area	150 m <sup>2</sup>
Net coverage area	1.20 m <sup>2</sup>
No. of corrugations	6
Weight of the product	approx. 2.73 kg/m <sup>2</sup>
Height of corrugation (H)	145 mm
Pitch of corrugation (p)	47 mm



### Colour



Terracotta Red

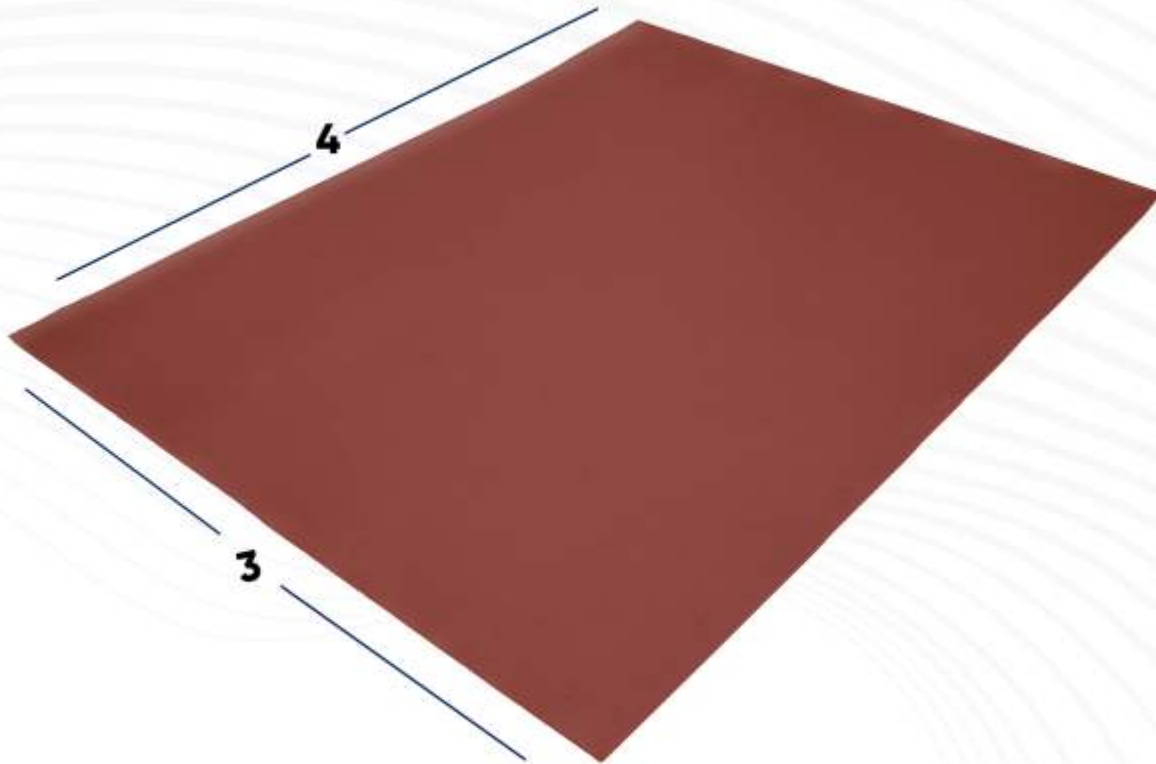


### Usages of Skylanes BIG 6

Skylanes BIG 6 can be fixed on the existing structure of your Asbestos Roofs with Bitumen Washers. It will Reduce heat, Sound & can also be used in a particular damaged part. It is Light weight, and easy to handle. There is No algae formation, No Corrosion and Gives an Attractive & Aesthetic Look !



## SKYLANES PLAIN BOARD (4 x 3)



### Technical Specifications

SKYLANES PLAIN BOARD (4x3)	Length	Width	Thickness
	1.20 m 4 ft	0.90 m 3 ft	1.5 & 3 mm

### Usages of Skylanes Plain Board

- Used for false ceilings
- Reduces heat and noise
- Enhances aesthetic appeal

### Colours



Terracotta Red



Pacific Blue



Raven Black



Hunter Green

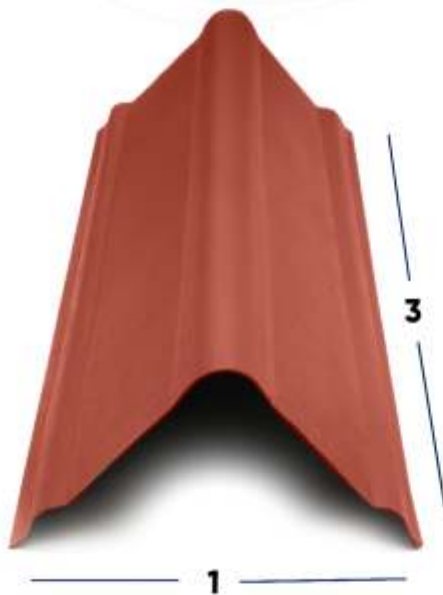
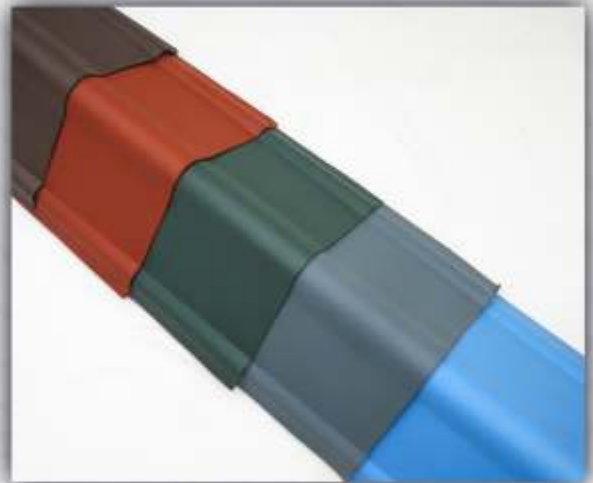


Tawny Brown



Slate Grey

# Accessories available to complete your project



**SKYLANES RIDGE  
(3x1)**



**SKYLANES  
Special EPDM  
Washed Fasteners  
(SIZE : 12 x 65 & 75 mm)**

## Colours



Terracotta Red



Pacific Blue



Raven Black



Hunter Green



Tawny Brown

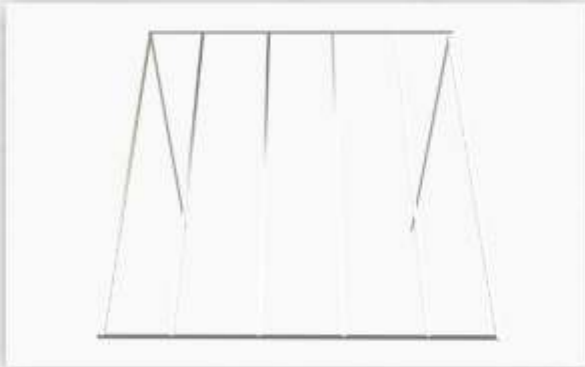


Slate Grey





# Fixing Instructions

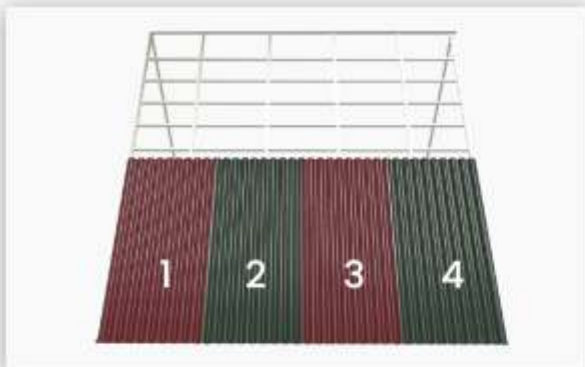


**Metal Frame with Roof Pitches of minimum 15°**

Maintain 305cm (10 feet) Interval Between each Cross Rafter



Maintain 45cm (2 feet) interval between each Purlin

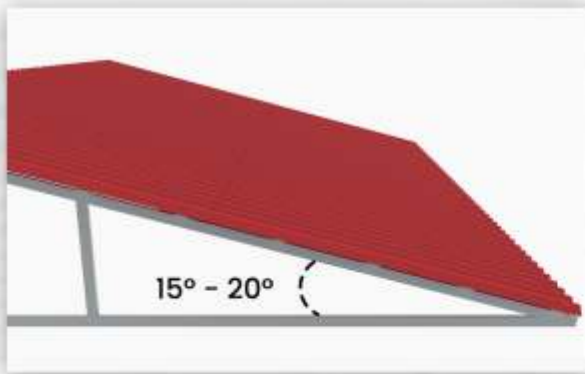


## Sheet Layout

Start fixing the the sheets in the opposite direction of prevailing winds from bottom row in left to right direction.



Follow the same for each row.  
Maintain 10 cm (4 inch) overlap in the row above



### Frame

Roof pitches between 15°-20°, Skylanes Sheets shall be supported by purlins with width distance of 45 cm.

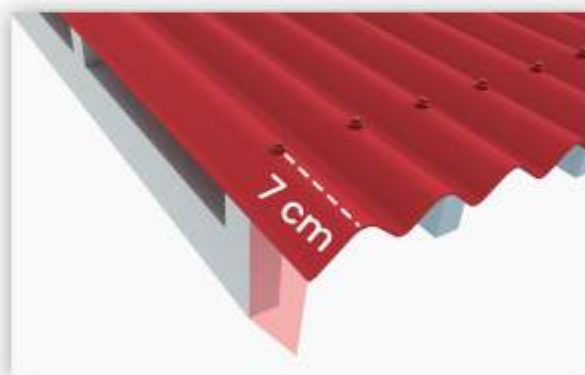
### Overlapping Guidelines

Following the overlapping guidelines is important to ensure stability of the material and complete waterproofing. Side and end overlapping vary according to the roof pitches. Follow the guidelines carefully.



### Overlap

For the end overlap, use minimum 10 cm (4 inch).  
For the side overlap, use 1 corrugation



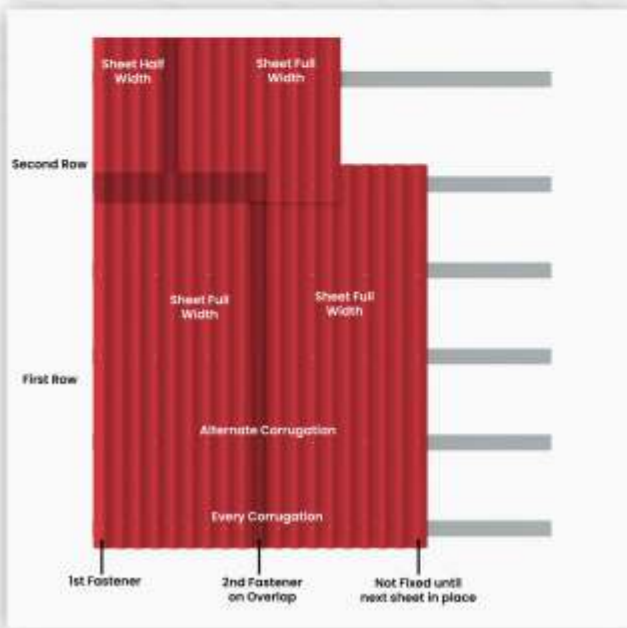
The sheets overhang should not be more than 7 cm.





### Fixing

EPDM Washers are used along with screws and are drilled on the purlin. Fix the screw in the center of the corrugation. To have a long lasting and guaranteed roof, it is mandatory to follow the fixing

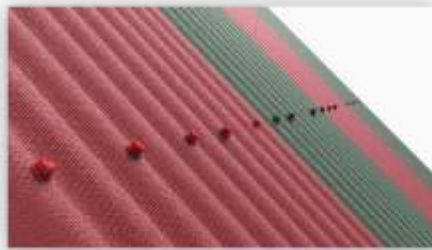


Start every second row with a sheet cut in half vertically in order to avoid side overlaps in the same line on all length of the roof, thus creating a broken bond pattern.

Using a broken bond pattern reduces the overall thickness of the overlapping. Following the overlapping rules is important to ensure a total waterproofing over time.

Fastening must always be carried out at the top of corrugation.

Drive the drill screw through the top of the corrugation.



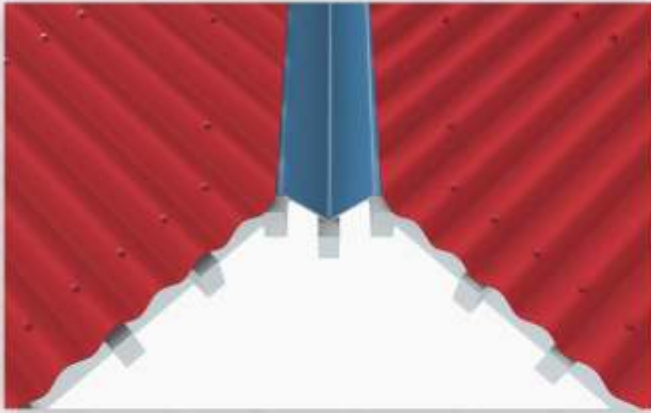
Use only Skylanes recommended washers

### End Roof



EPDM Washers are used along with screws and are drilled on the purlin. Fix the screw in the center of the corrugation. To have a long lasting and guaranteed roof, it is mandatory to follow the fixing

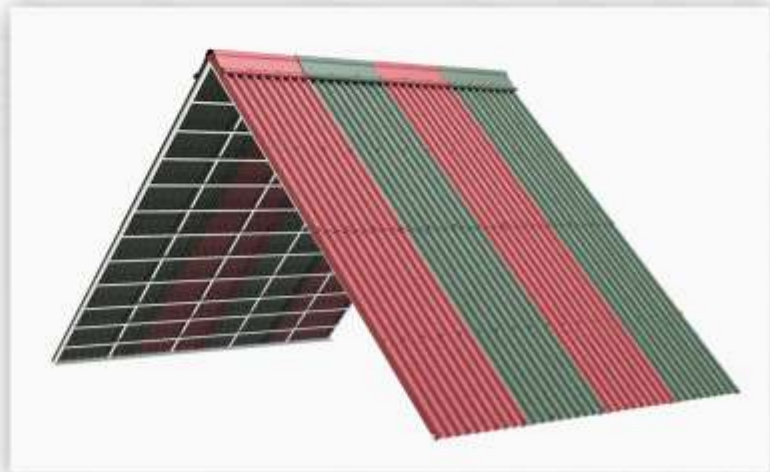
## Valley



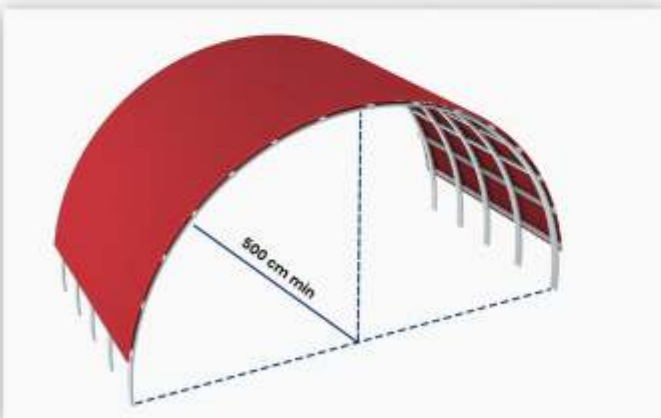
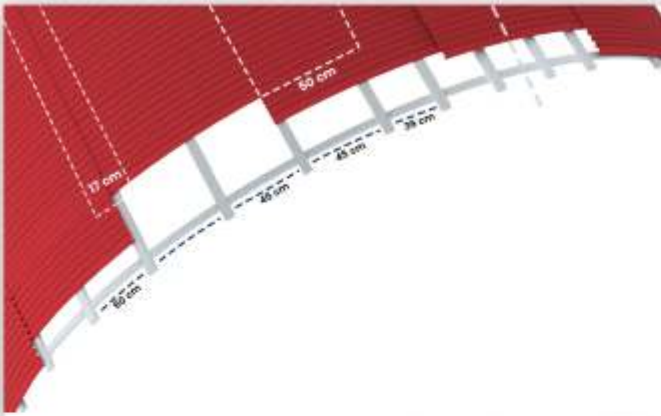
Fix valley board / trim purlin and line with metal pre-formed unit.

- The vertical valley depth should be sufficient to allow the water to flow.
- The sheets are cut across (parallel to the valley line). The overhang is max 4 cm.
- You can use Other valley or a metal valley

## Finished Look



## Curved Roof Domes



When the frame design is established, continuously setup the lines courses to get the right positions of purlins :

- Top dome : (pitch < 17%) - maximum span is 36 cm.
- 17% < pitch < 27% - maximum span is 45 cm.
- Pitch > 35% - maximum span is 60 cm.
- At rooftop (slope = 0%)
- Avoid sheet overlap (lay the top sheet centered in its middle).
- No sheet overhang more than 7 cm.
- Side lap: 2 corrugations.



# Usages

Skylanes Asphalt Roofing Sheets products are used across a wide variety of industries, including individual and collective housing, commercial buildings, resorts, leisure houses, public access buildings, farm buildings and poultry, among others. Our roofing sheet portfolio is backed by advanced technical support and application development services pan India to meet our customers' specification needs.

## *Few ideas of what you can do with Skylanes!*

- Deck skirting
- Shade canopies
- Car ports
- Walkway covers
- Fences
- Patio covers
- Waterproof under decking
- Sheds
- Animal shelters
- wall coverings
- roof coverings



***Skylanes's  
offers high quality,  
Asphalt Roofing Sheets  
that are strong,  
lightweight and can be  
used in a wide variety of  
buildings.***



Individual &  
Collective Housing



Commercial Buildings  
& Resorts



Leisure Housing



Public Access  
Buildings



Farm Buildings



Renovation

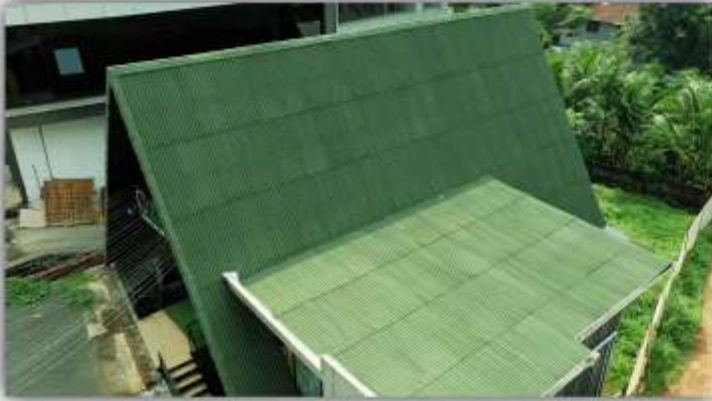
# Our Projects



**Showroom**



**Wood House**



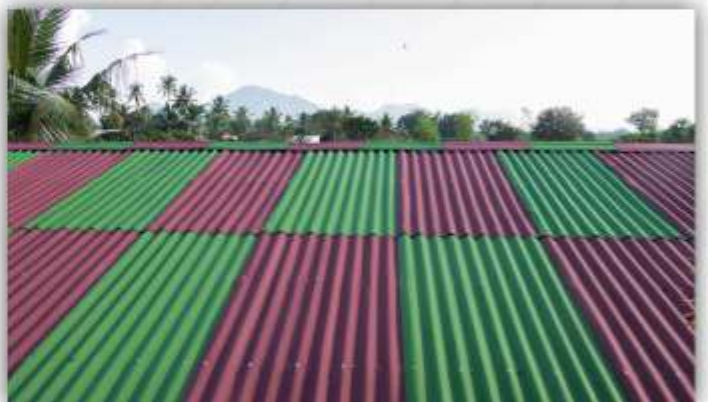
**Resort**



**Farm House**



**Godown**



**Warehouse**



# Our Projects



*Ayurvedic Centre*



*Poultry Farm*



*Terrace Roofing*



*Cottages*

*Attractive & Aesthetic Look!*

## Eco-Friendly & Sustainable Features of Skylanes Asphalt Roofing Sheets

At Skylanes, our ongoing mission is to take serious sustainable actions for our products and processes. We're constantly striving to fundamentally improve the way we operate, providing our customers with truly sustainable roofing solutions at a reasonable price, improving people's lives as well as the neighborhoods they live in.

### *What Makes Skylanes Asphalt Roofing Sheets Sustainable & Eco-Friendly?*

Thanks to these eco-friendly features, you can rest assured you're reducing your carbon footprint when you install asphalt roofing sheets:

**Skylanes Asphalt Roofing Sheets are made from waste paper** thus minimizing the raw materials needed to produce the asphalt roofing sheets, at the same time also reducing the amount of waste in landfills around the country.

**They offer significant energy savings.** Asphalt roofing sheets reflect the sun's rays and absorb less heat than other roofing materials, making them an energy-efficient option. In fact, asphalt roofing sheets can reduce the surface of your roof by up to 5°C, which minimizes the output of your HVAC system and therefore reduces the building's energy consumption and drastically reducing your energy bills.

**They can be recycled at the end of their lifespan.**

Not only are Skylanes asphalt roofing sheets made from recyclable paper waste material, they can actually be recycled and repurposed at the end of their lifespan.

**They reduce maintenance-related waste.**

When they're well cared for, asphalt roofing sheets can last up to 30 years, so they won't need to be replaced often. Roofing systems that last longer and don't constantly need to be repaired, like asphalt roofing sheets, minimize waste. Skylanes Asphalt roofing sheets are also low maintenance, so you won't need to use harsh chemical cleaners that are bad for the environment to keep your roofing system looking great.

You'll enjoy lower utility bills, comfortable indoor temperatures, and peace of mind knowing that you're actively reducing your carbon footprint with Skylanes asphalt roofing sheets.

### Certifications



NATIONAL  
TEST HOUSE  
TESTED



“ GREEN  
PRODUCT ”





## PARAMOUNT INTERCONTINENTAL PRIVATE LIMITED

Paramount is the leading and most innovative Thermal & Acoustic Insulation foam manufacturer in India and our performance is unsurpassed. Following are the various foams and other products manufactured by us:



**Fire Retardant XPE Foam**



**Oxide Acetate Foam**



**Aco Isolate  
Acoustic Insulation**



**Radiant Barrier  
Hybrid Reflective Insulation**



**Prothin Foam**



**XPE Insulation Pipe Foam  
Kit For Copper Tubing**



**Adhins Intumescent  
Fire Resistant Paint**



**Adhins Synthetic  
Rubber Adhesive**



**Adhins UV Coat**



**Adhins Air-Seal  
Acrylic Duct Sealant**



**Manoyog Foldable Playmat**

### Industries we serve

- Automotive
- Construction
- Electronics
- Industrial
- Medical & Dental
- Military & Defense
- Retail & Consumer
- Sport & Leisure





## Manufacturing Unit



**SkyLANES & Allied Products Pvt. Ltd.**  
Manufacturing Partner

ADD - #356, Llyods Road, Gopalapuram, Chennai - 600 086.

E-mail : [riteroofasphalt@gmail.com](mailto:riteroofasphalt@gmail.com), [skylaness06@gmail.com](mailto:skylaness06@gmail.com)

Website : [www.skylaness.co.in](http://www.skylaness.co.in)



**Paramount Intercontinental Pvt. Ltd.**  
Marketing Partner

ADD - L - 7 & 8, Upper Ground Floor, Lane No-7, New Mahavir Nagar, New Delhi - 110018

Email : [sales@paramountinsulation.in](mailto:sales@paramountinsulation.in), [sales@parabatai.in](mailto:sales@parabatai.in) Website : [www.paramountinsulation.in](http://www.paramountinsulation.in)

Customer Care: 011-47060000 (30-Lines) +91 9810363888



**Parabatai Technotech Pvt. Ltd.**  
Sales & Installation Partner

