Lightweight & Eco-friendly Asphalt Roofs

SKYLANES™
LIGHT WEIGHT & STRONGER ROOF

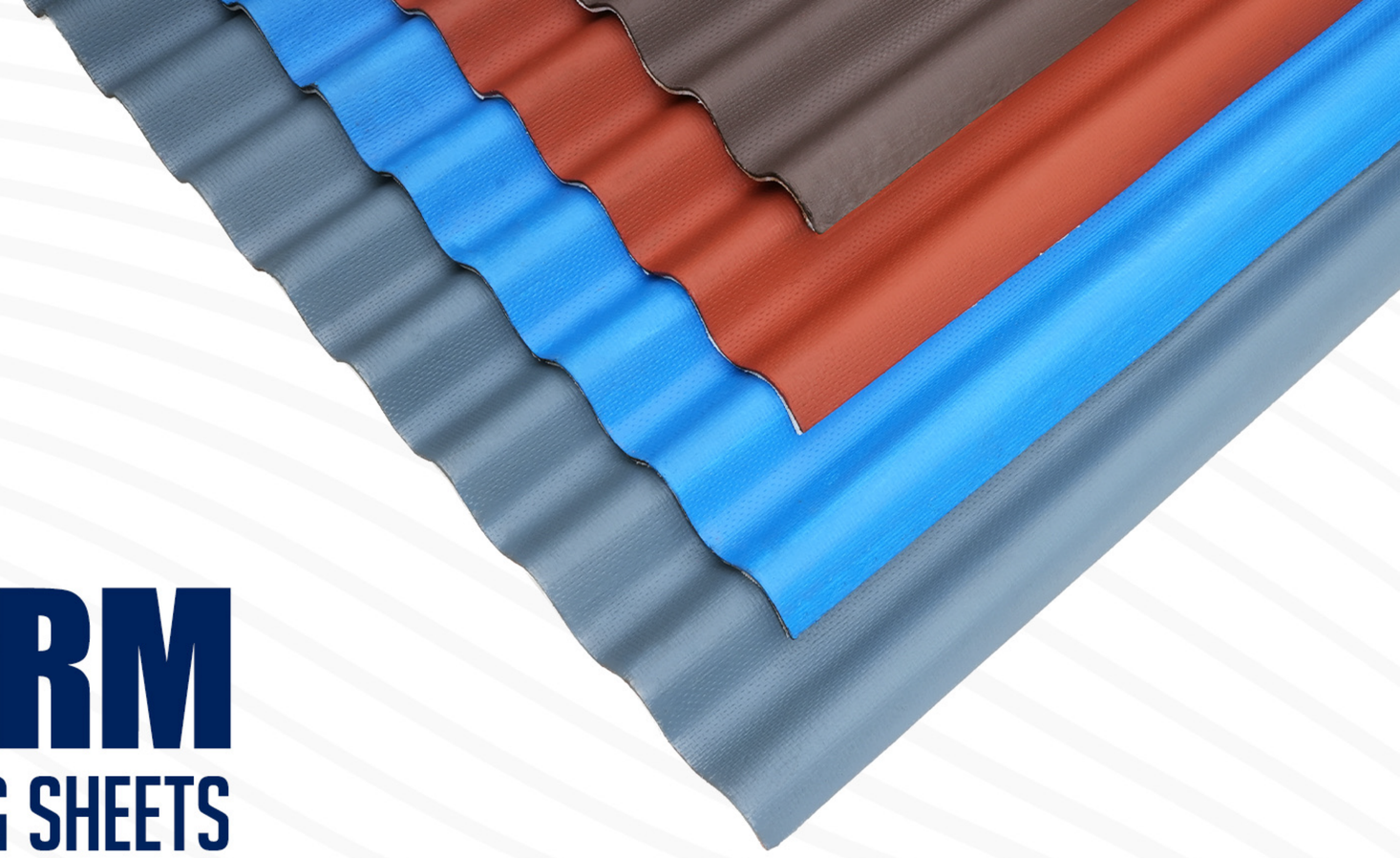
PARAMOUNT®
Thermal & Acoustic Insulation

PARABATAI

Website
www.skylanes.co.in

Youtube
Our Channel

ISO 9001:2015 CERTIFIED
ISO 14001 CERTIFIED
ECO FRIENDLY
NATIONAL TEST HOUSE TESTED
MAKE IN INDIA



NEW LAUNCH

XTREME THERM

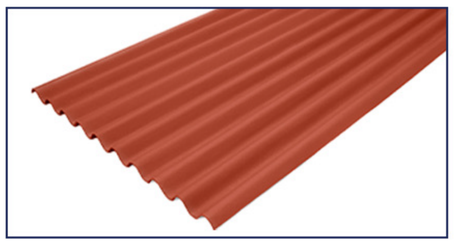
PRE-INSULATED ASPHALT ROOFING SHEETS

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



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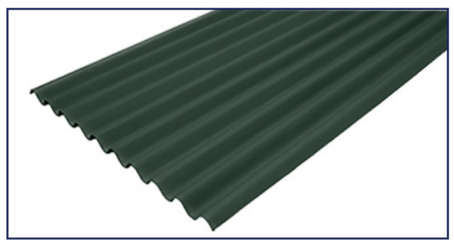

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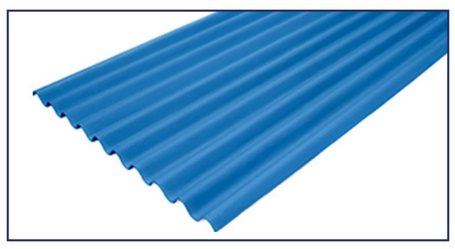

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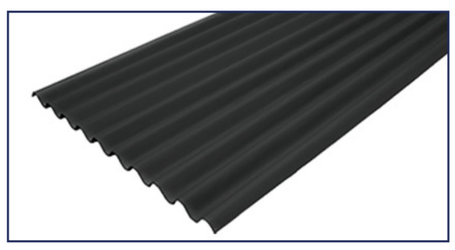

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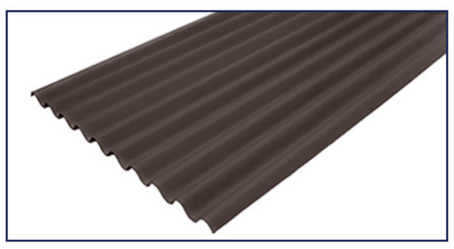

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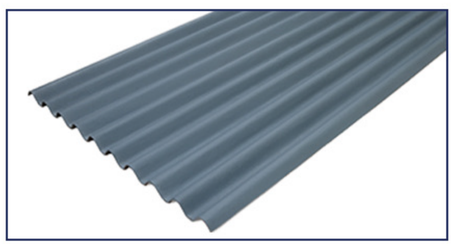

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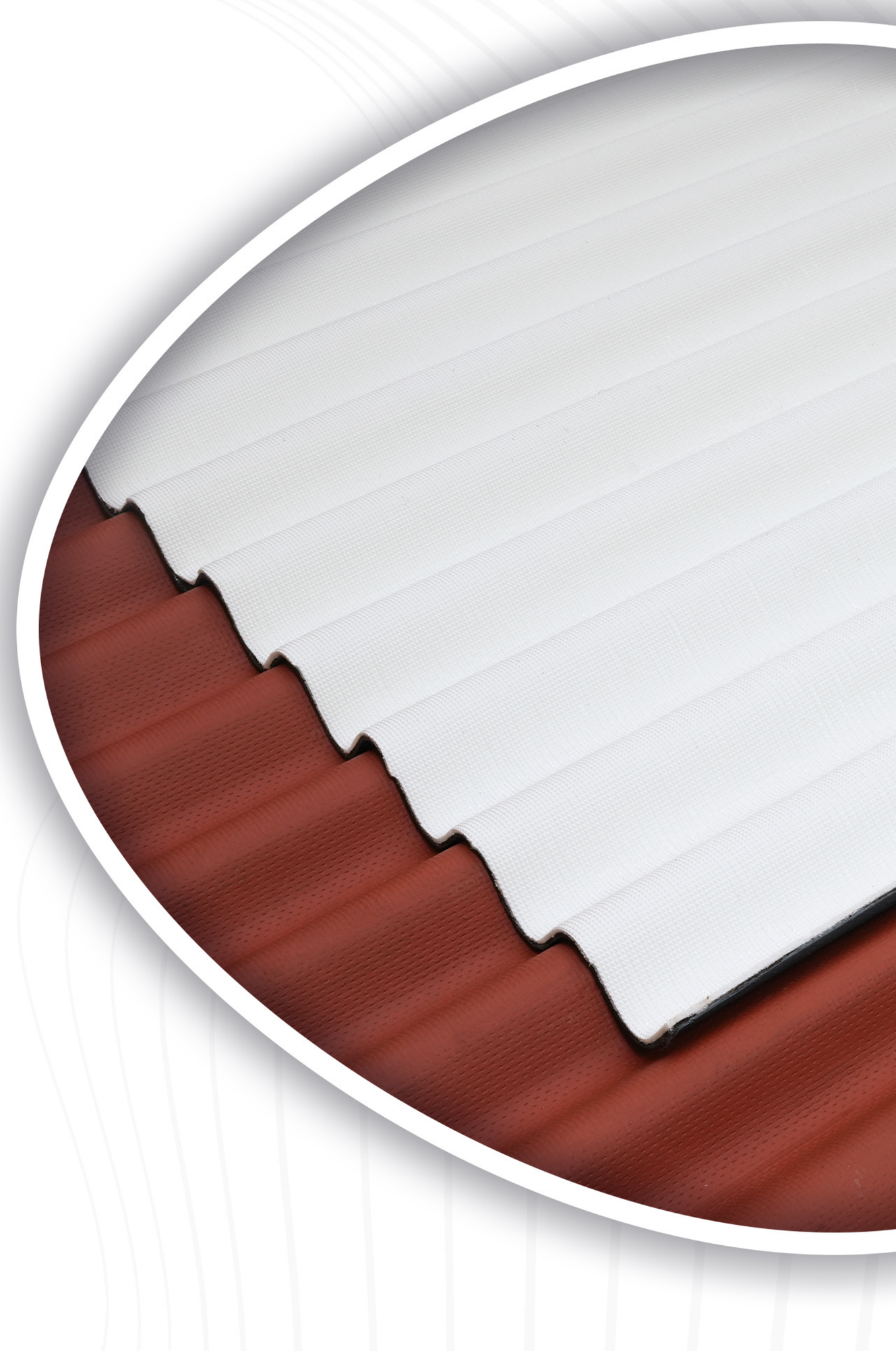


SKYLINES LIGHT WEIGHT & STRONGER ROOF

PARAMOUNT Thermal & Acoustic Insulation

PARABATAI

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**.



SKYLANES LIGHT WEIGHT & STRONGER ROOF | PARAMOUNT Thermal & Acoustic Insulation | PARABATAI

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.

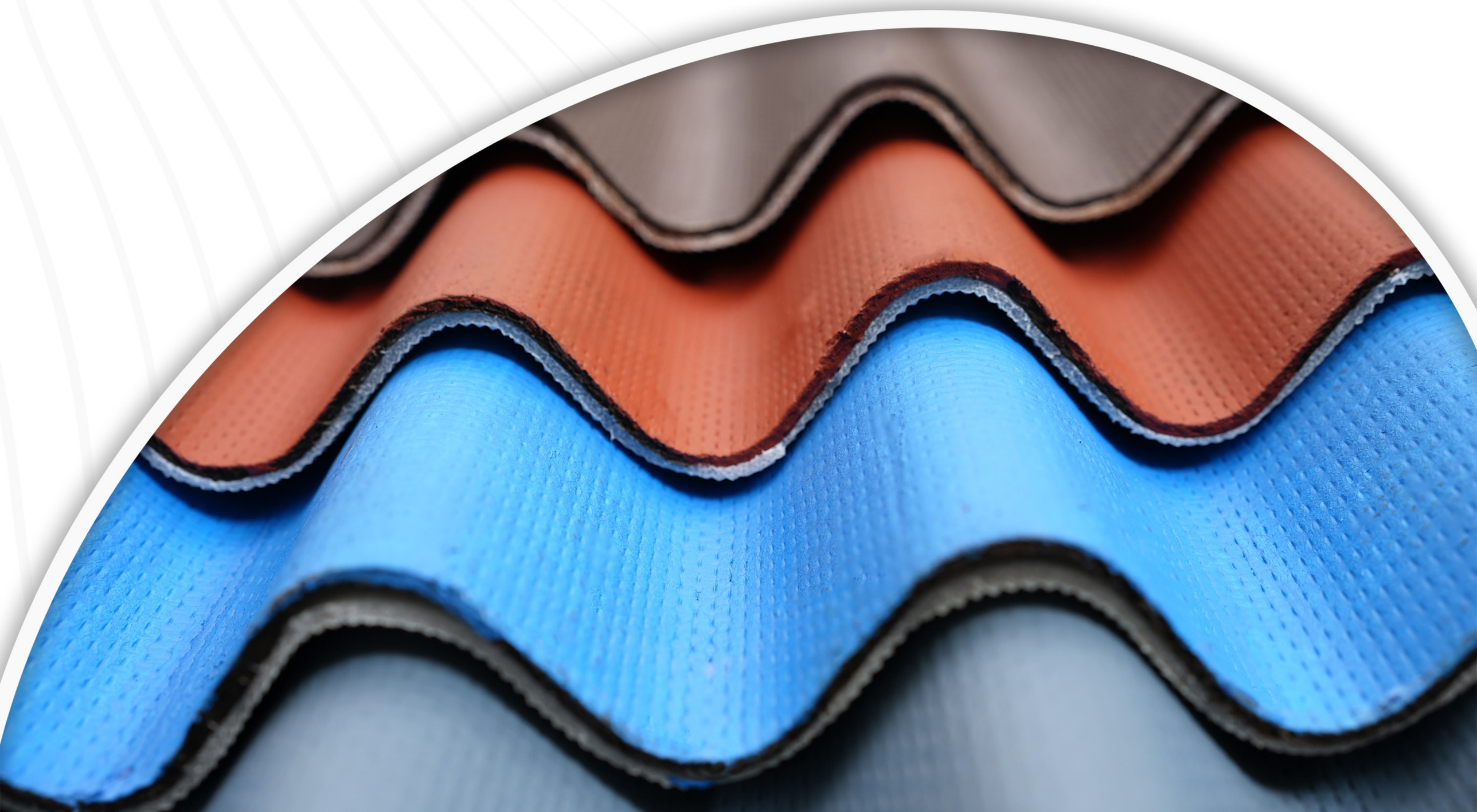
Skylanes Asphalt Roofs have National Test House Certification and are also certified under the quality management system ISO 9001:2015 and ISO 14001:2015 for Environmental management system.
In 2024, Skylanes and Allied Products Private Limited entered into a strategic joint venture with Paramount Intercontinental 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 its 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.

Gurantee- 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^3
Compressive Strength (at Yield Point)	165.1 N
Breaking Load (Load applied upto 229.398 kgf/m^2)	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 %

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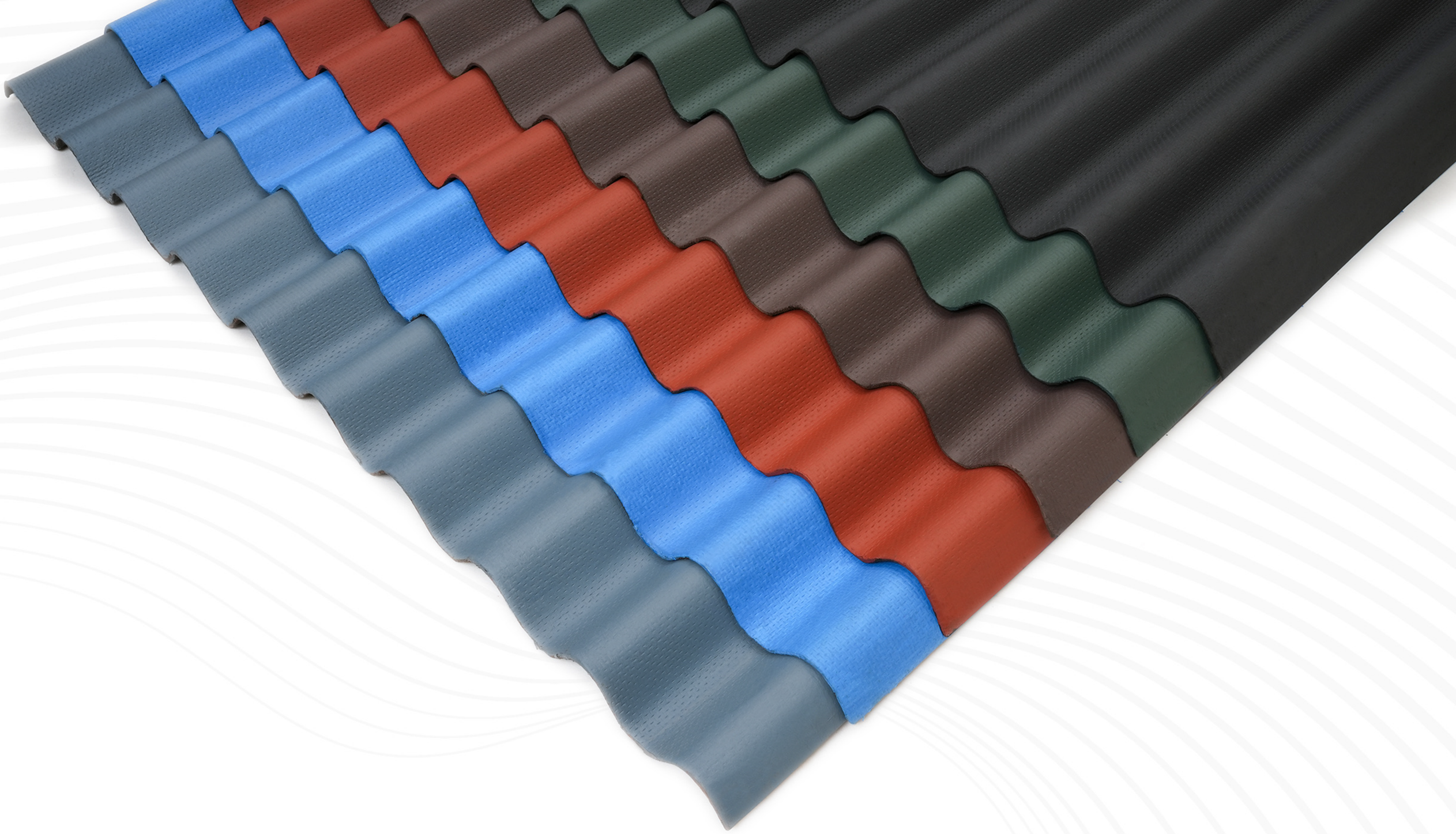
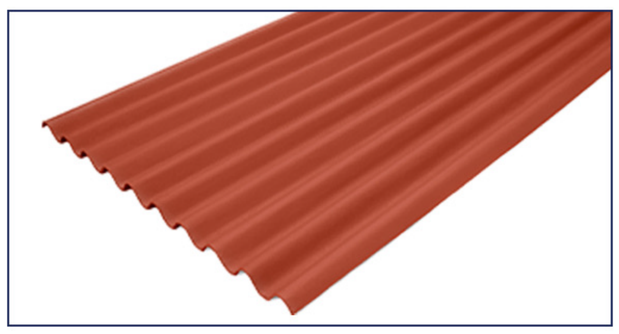


Attractive & Aesthetic Look!

Color Palette



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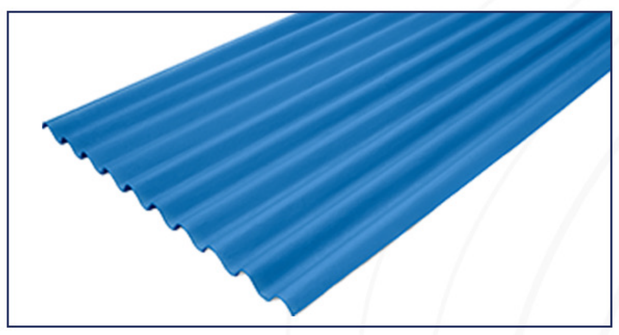

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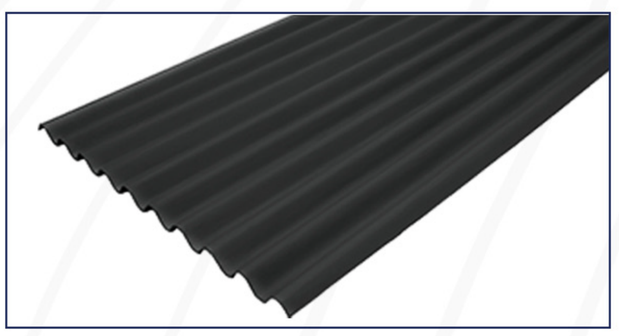

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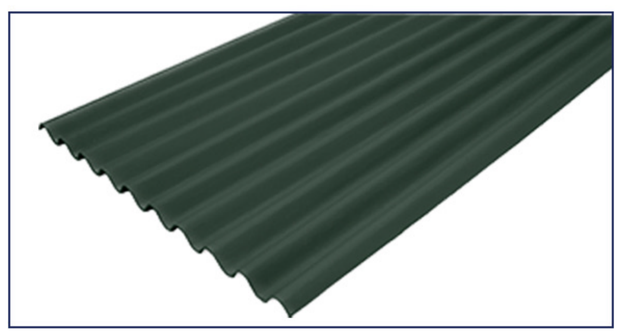

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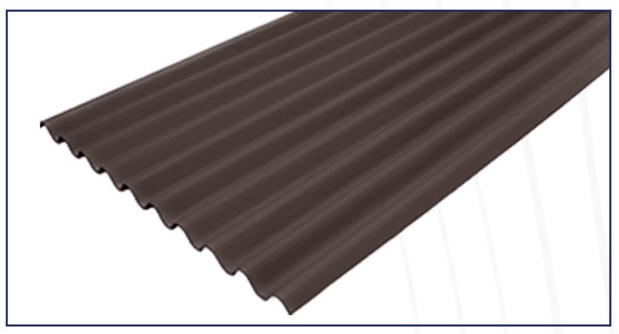

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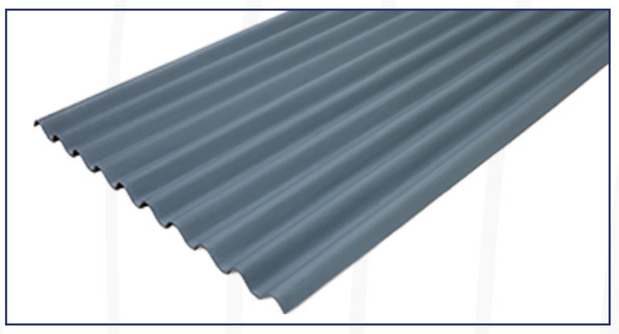


Slate Grey

SKYLINES LIGHT WEIGHT & STRONGER ROOF | PARAMOUNT Thermal & Acoustic Insulation | PARABATAI

Product overview

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

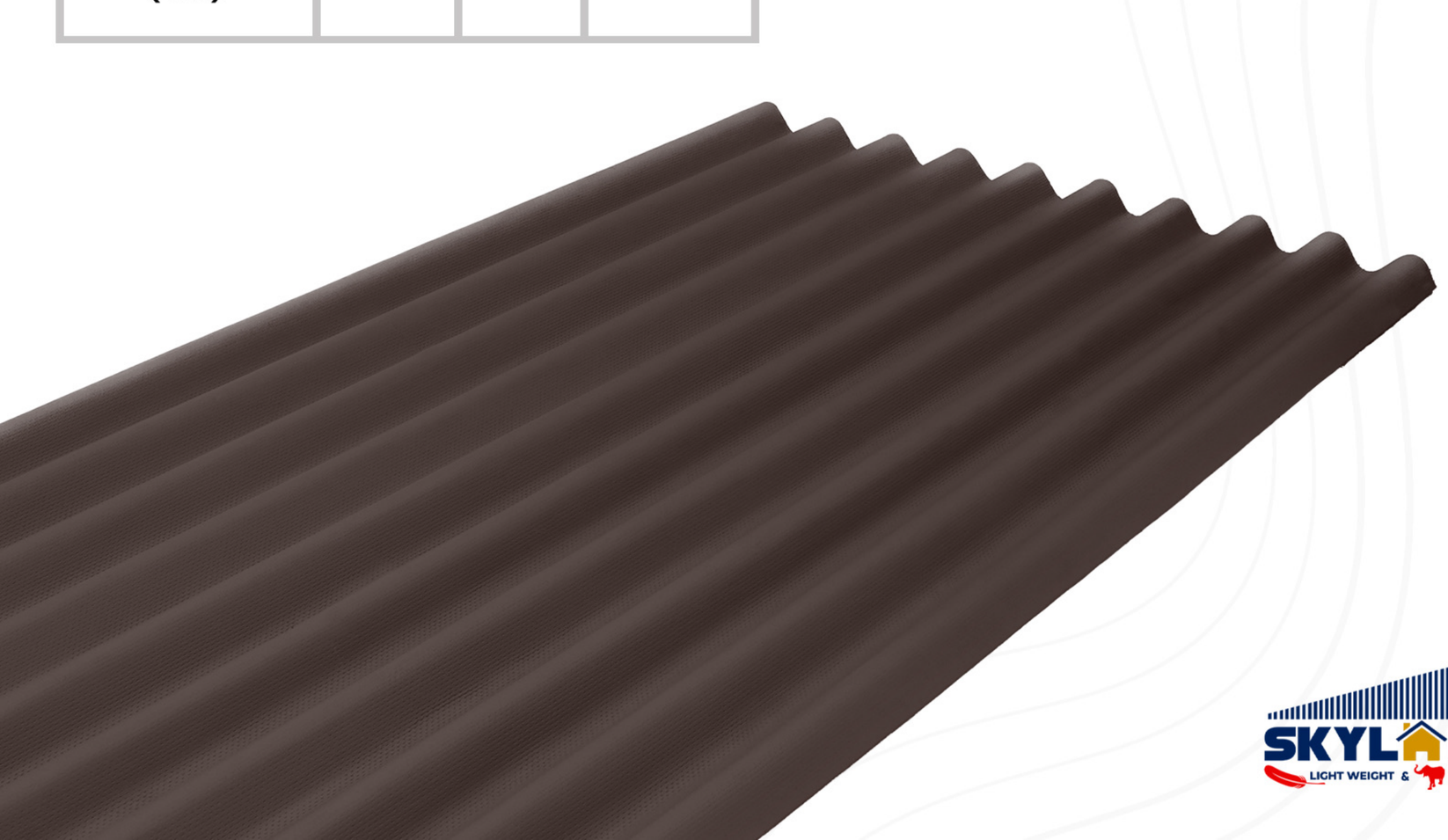
Technical details and differences can be seen in the following table.

- Skylanes Asphalt sheets
  - Corrugated sheets
    - Skylanes Xtreme Therm
    - Skylanes Ultra
    - Skylanes Vintage
    - Skylanes Alpine
    - Skylanes BIG 6
  - Plain boards
    - 1.5mm thickness
    - 3mm thickness

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

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



Ultimate In Performance and Durability!

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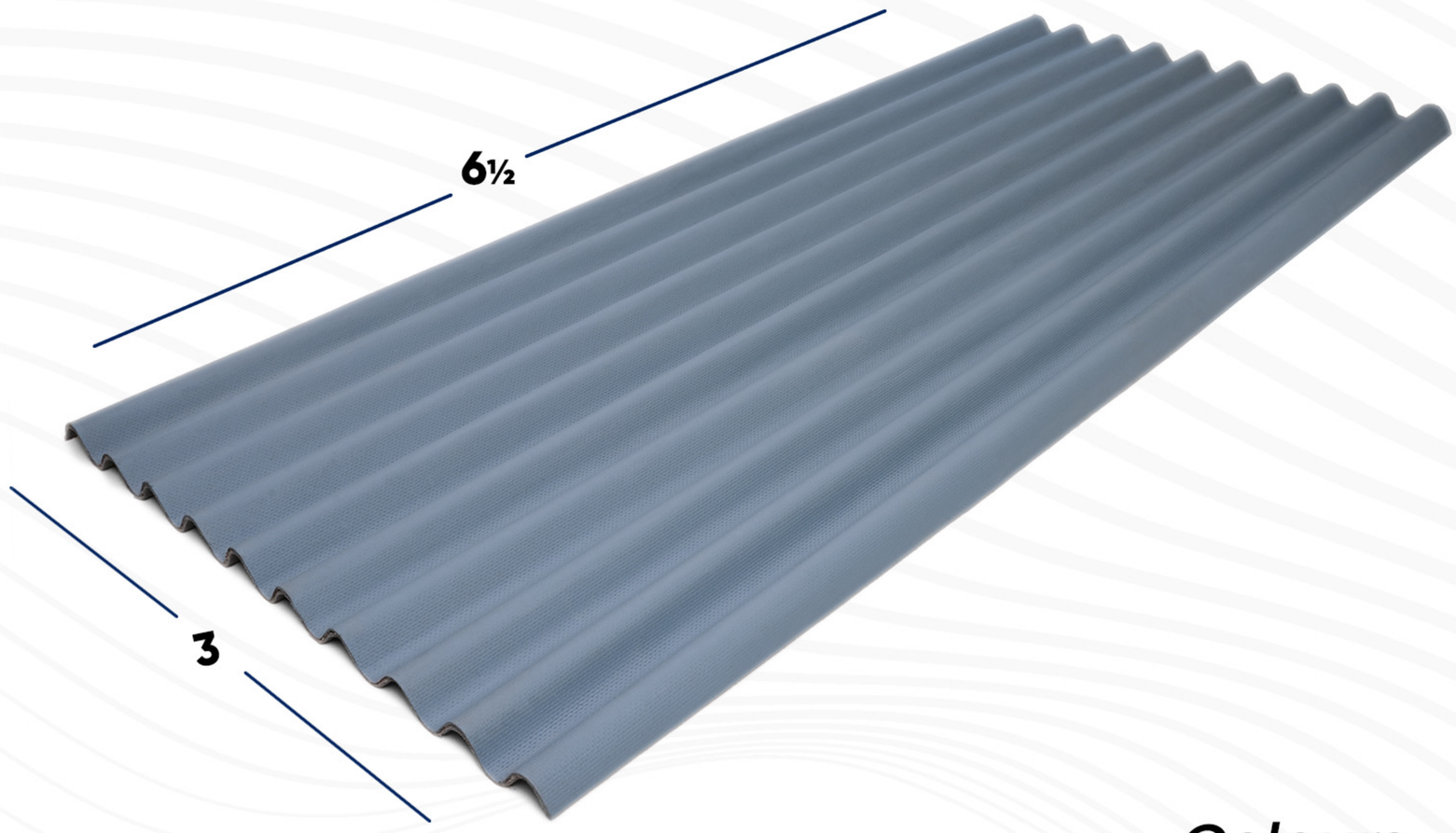
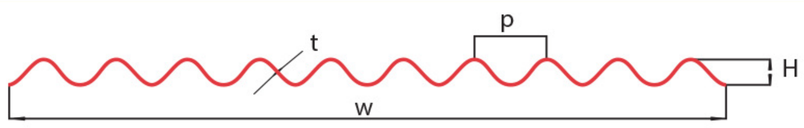
SKYLANES XTREME THERM
(Pre-Insulated Asphalt Roofing Sheets)
(6½ x3)



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^2
Net coverage area	1.44 m^2
No. of corrugations	10
Weight of the product	approx. 3.6 kg/m^2
Height of corrugation (H)	40 mm
Pitch of corrugation (p)	91 mm



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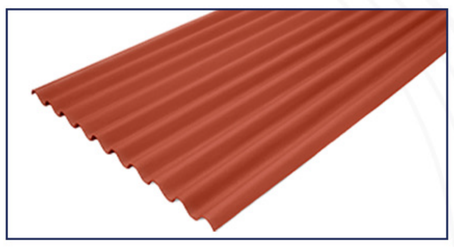

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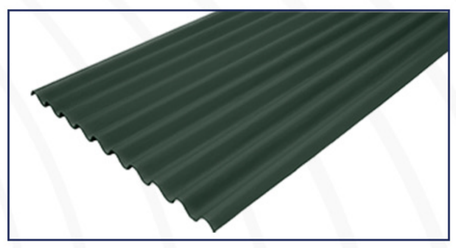

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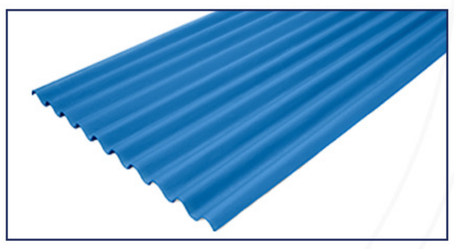

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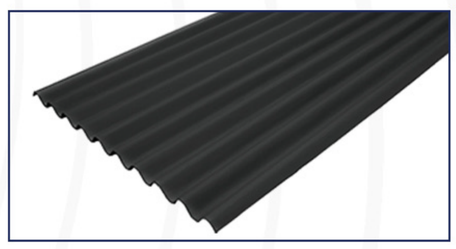

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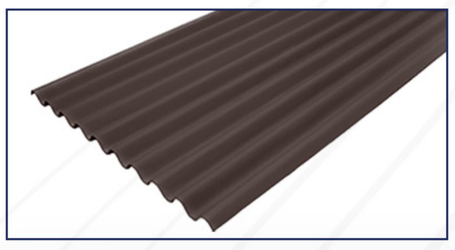

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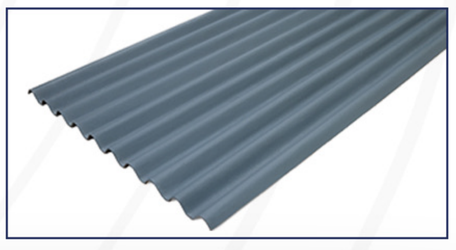
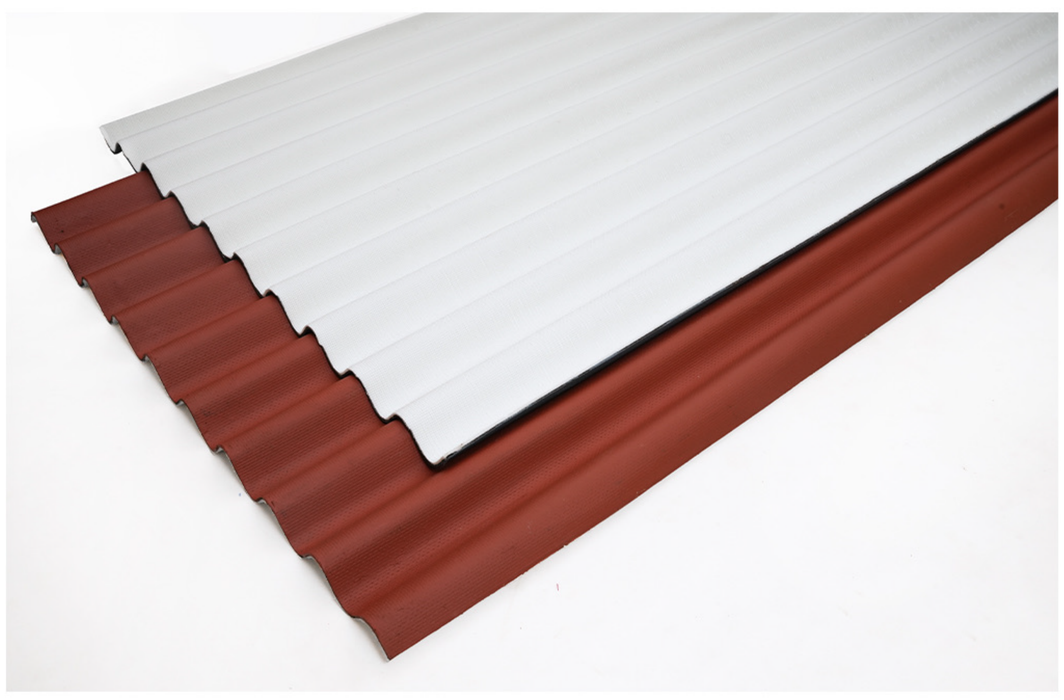


Slate Grey





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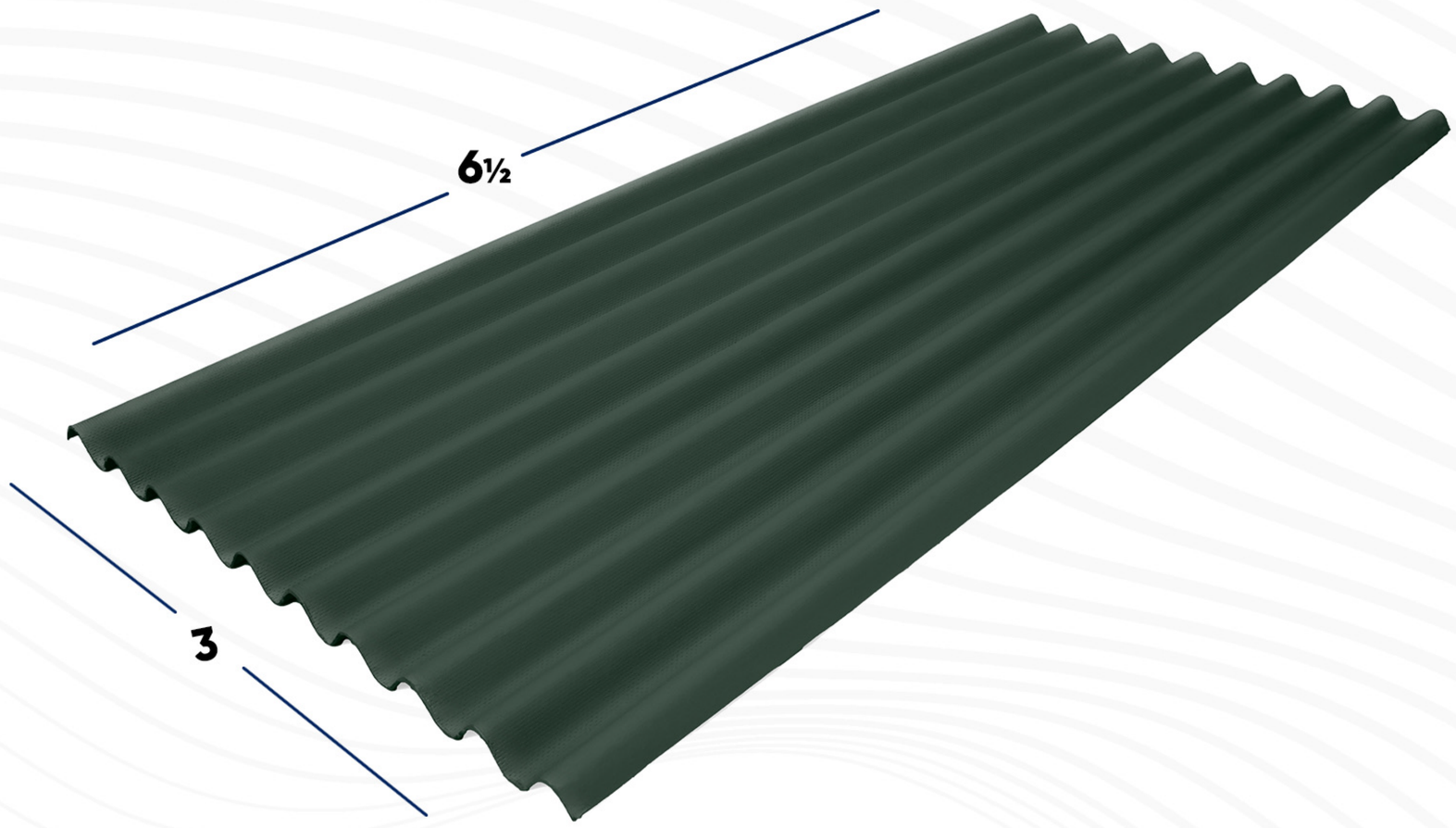
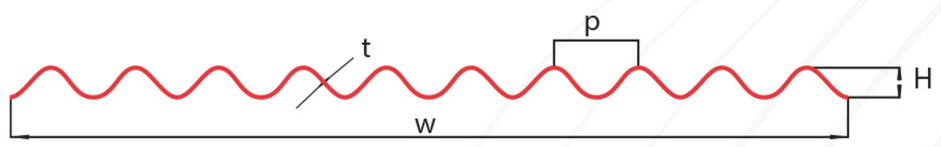
SKYLANES ULTRA
(CLASSIC PROFILE)
(6½ x3)



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 m²
Net coverage area	1.44 m²
No. of corrugations	10
Weight of the product	approx. 3.3 kg/m²
Height of corrugation (H)	35 mm
Pitch of corrugation (p)	91 mm



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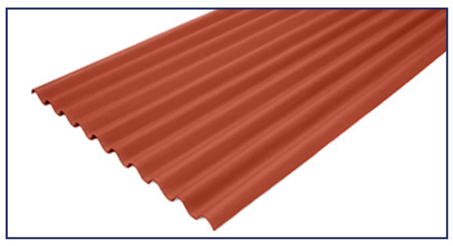

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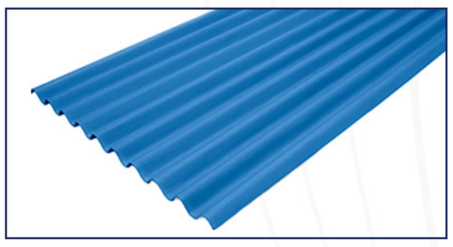

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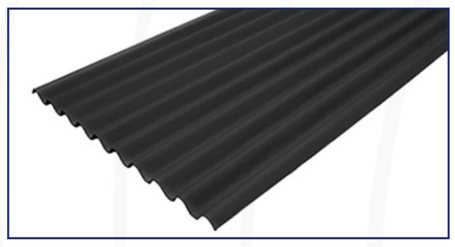

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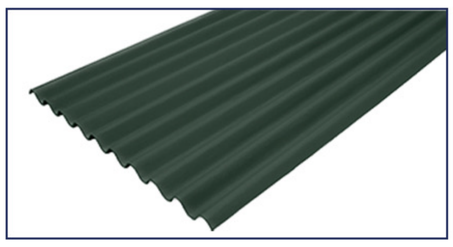
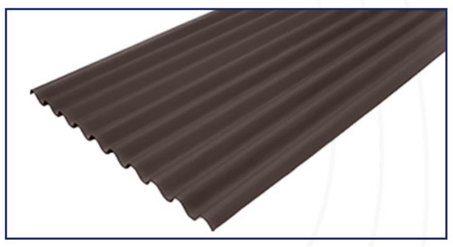


Hunter Green



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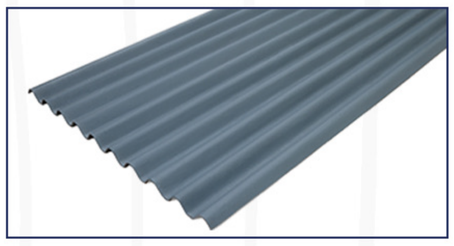

Slate Grey

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PARAMOUNT® Thermal & Acoustic Insulation

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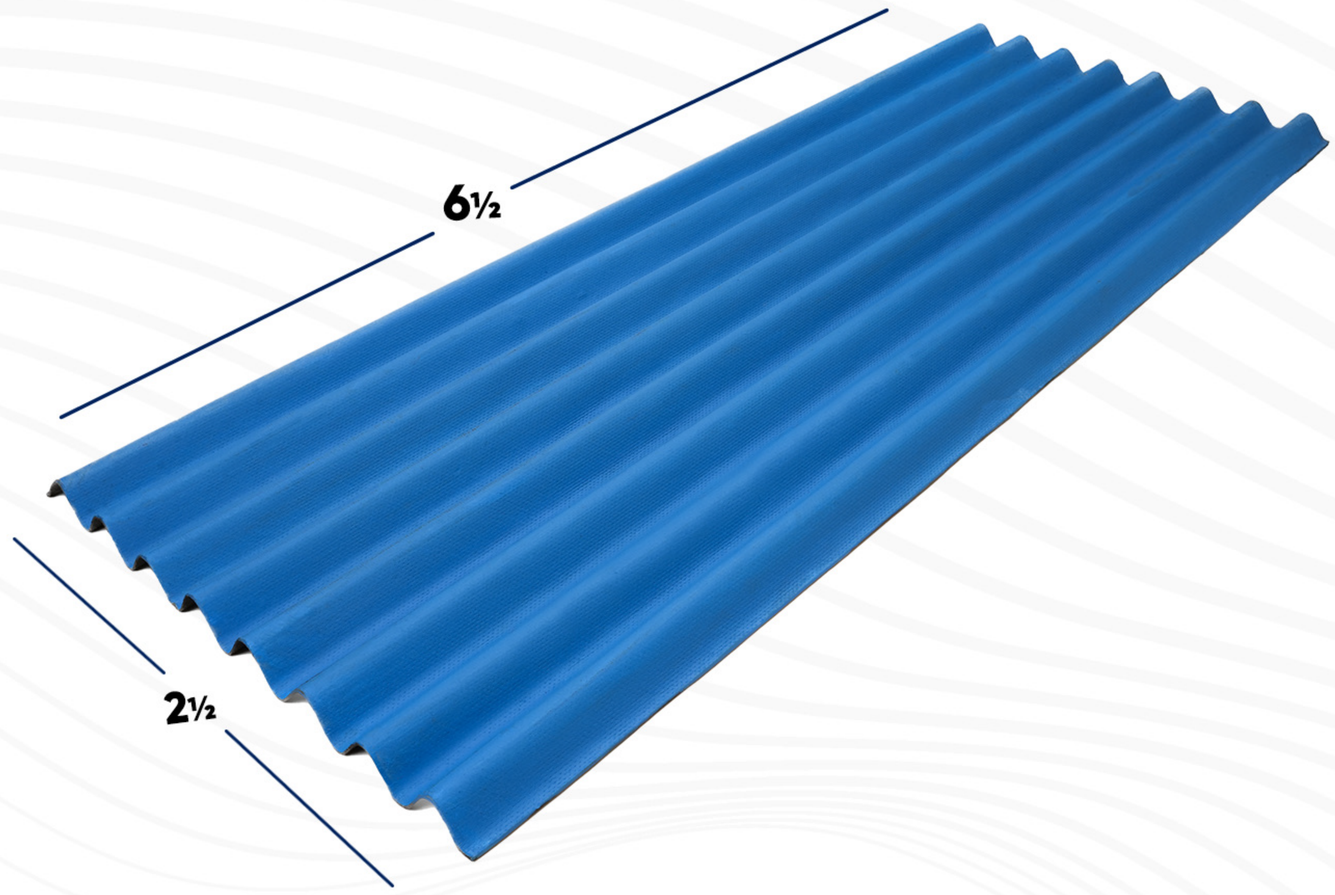
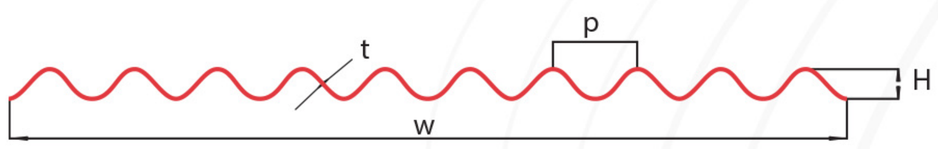
SKYLANES VINTAGE
(6½ x2½)



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 m²
Net coverage area	1.30 m²
No. of corrugations	8
Weight of the product	approx. 3.5 kg/m²
Height of corrugation (H)	34 mm
Pitch of corrugation (p)	91 mm



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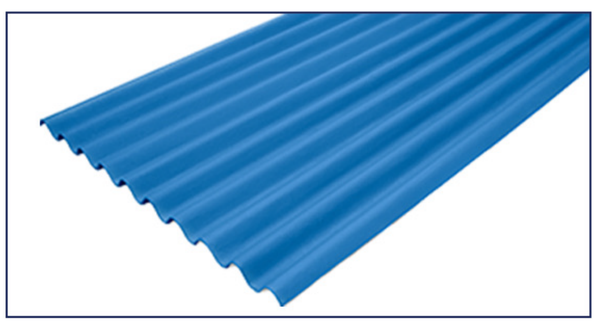
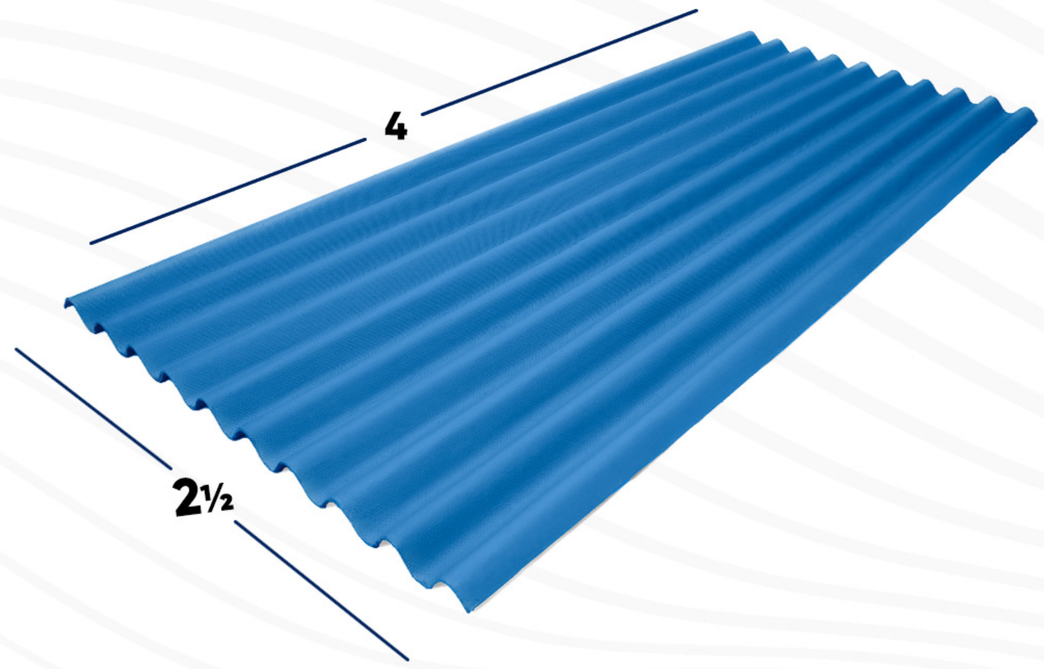


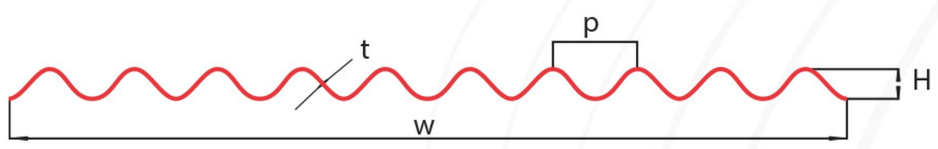
Pacific Blue

SKYLANES ALPINE SHEET
(4 x 2½)

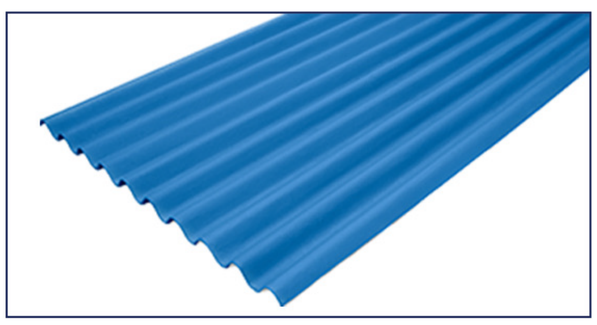


SKYLANES ALPINE - TECHNICAL CHARACTERISTICS

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

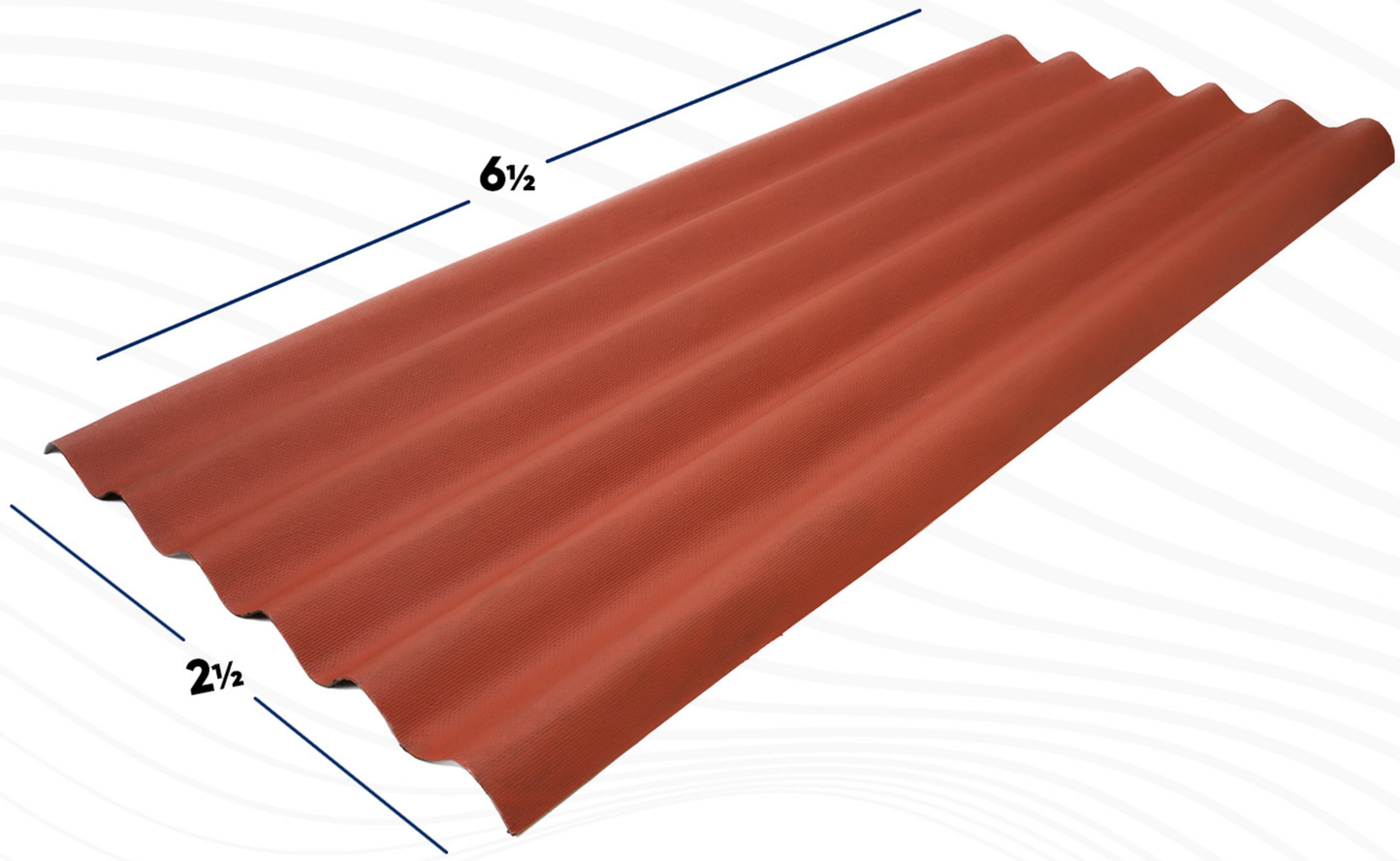


Colour



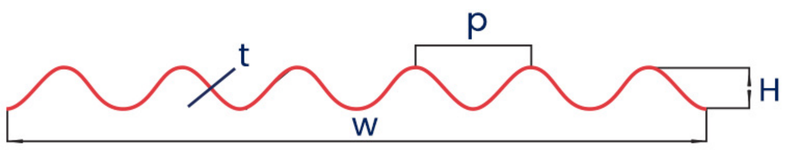
Pacific Blue

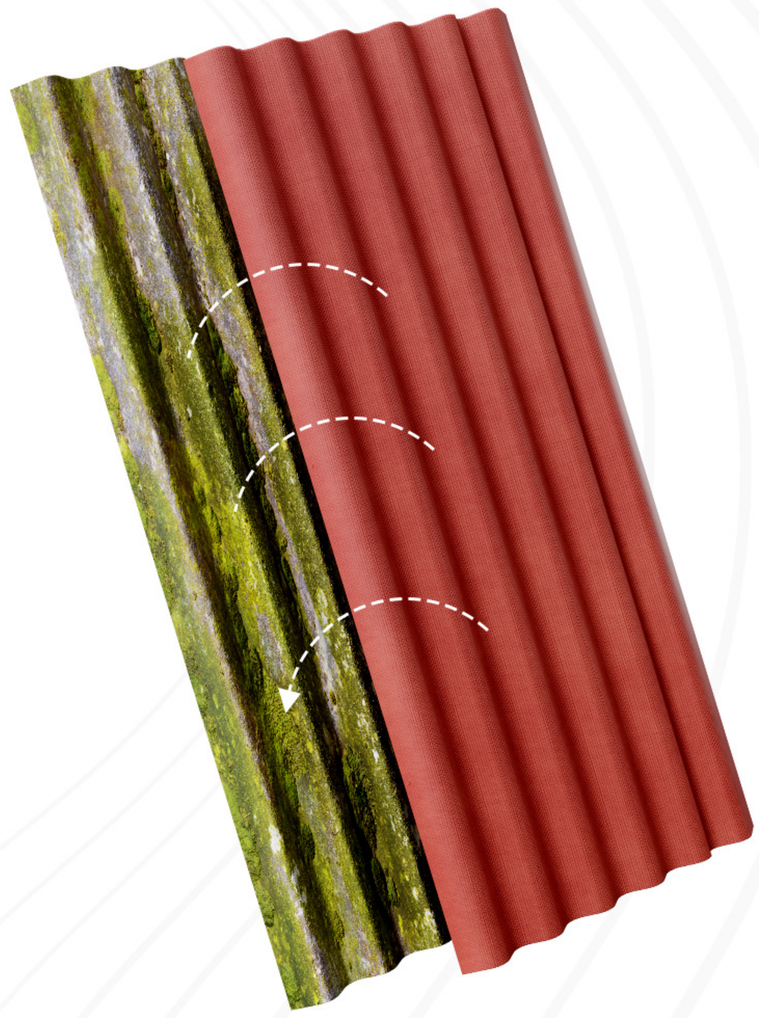
SKYLANES BIG 6
(6½ x 2½)



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 m²
Net coverage area	1.20 m²
No. of corrugations	6
Weight of the product	approx. 2.73 kg/m²
Height of corrugation (H)	145 mm
Pitch of corrugation (p)	47 mm





Usages of Skylanes BIG 6

Skylanes BIG 6 can be fixed on the existing structure of your Asbestos Roofs with Bitumen Washers. It will Reduces 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 !

Colour



Terracotta Red

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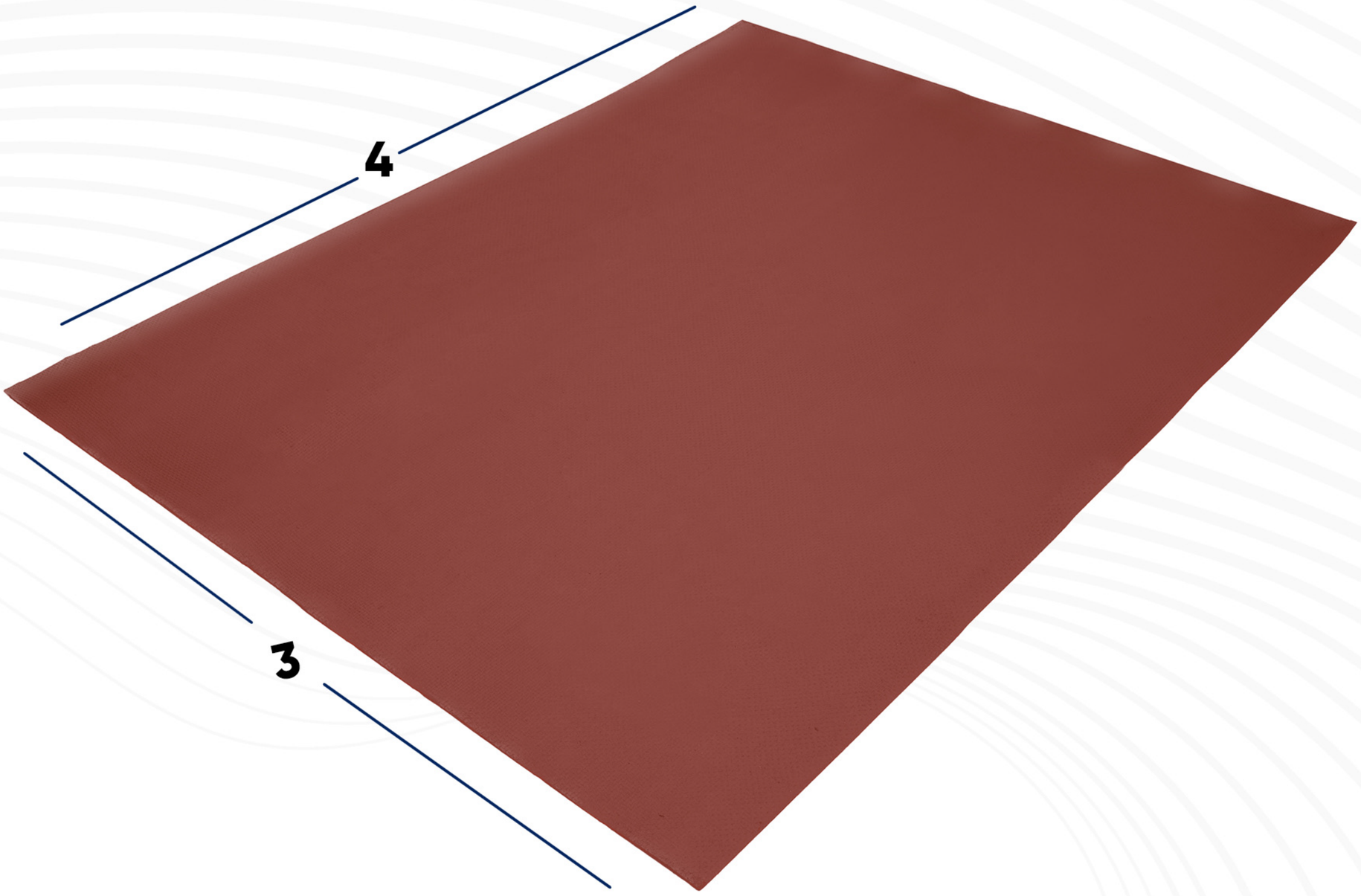
SKYLANES PLAIN BOARD
(4 x 3)



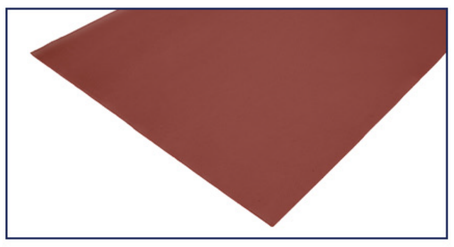
Technical Specifications

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

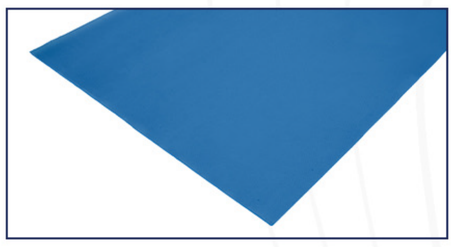
Usages of Skylanes Plain Board

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

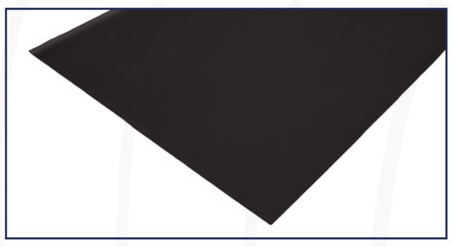
Colours



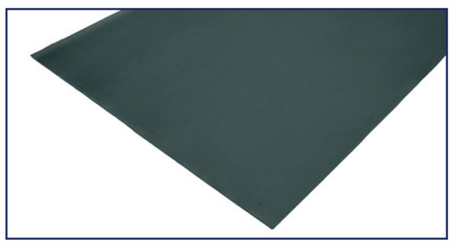
Terracotta Red



Pacific Blue



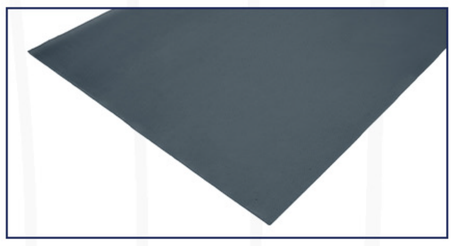
Raven Black



Hunter Green



Tawny Brown



Slate Grey

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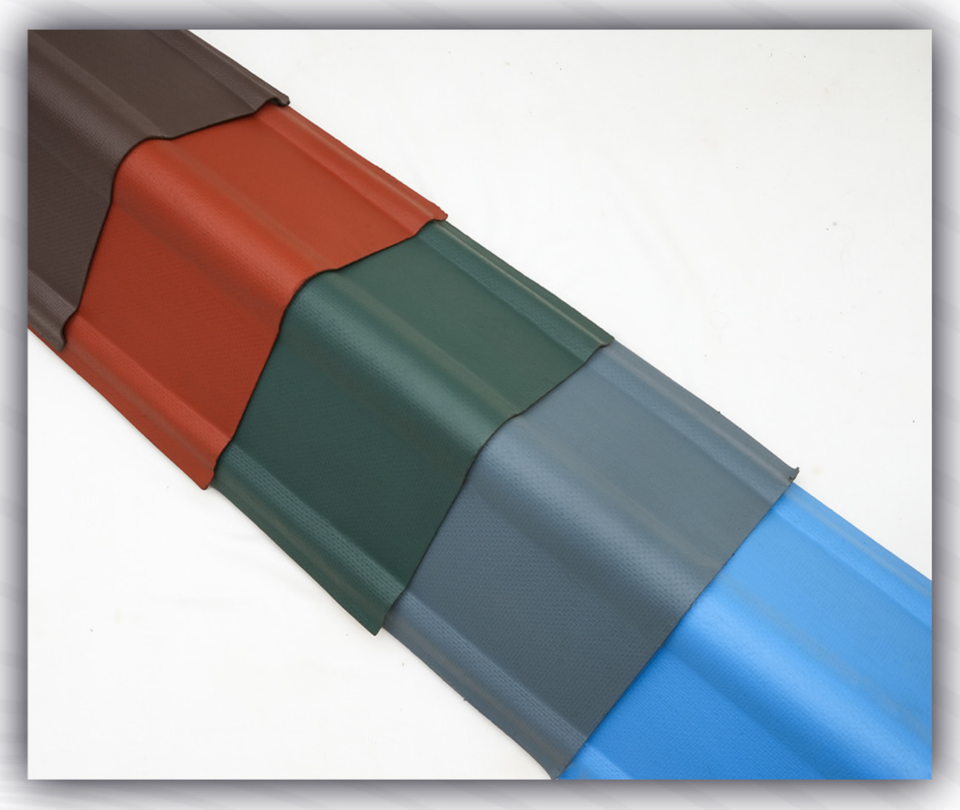
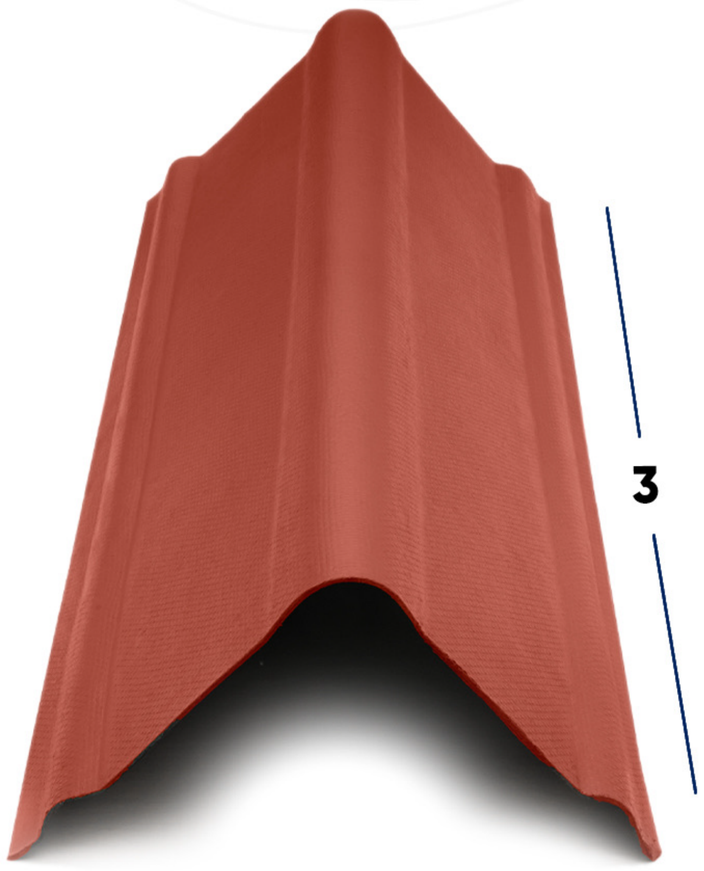
Accessories available to complete your project







SKYLANES RIDGE
(3x1)

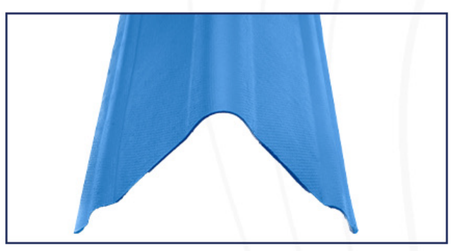


SKYLANES
Special EPDM
Washered Fasteners
(SIZE : 12 x 65 & 75 mm)

Colours



Terracotta Red



Pacific Blue



Raven Black



Hunter Green

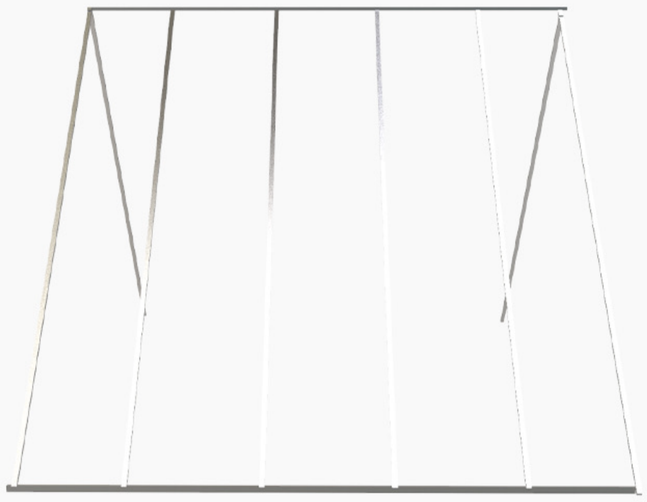


Tawny Brown



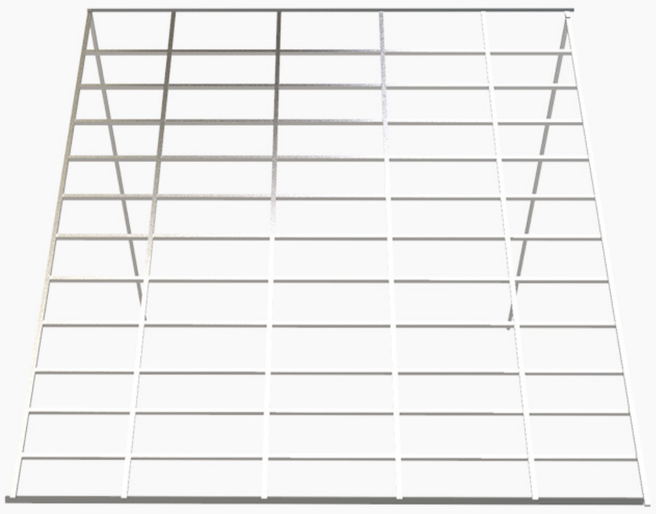
Slate Grey

Fixing Instructions

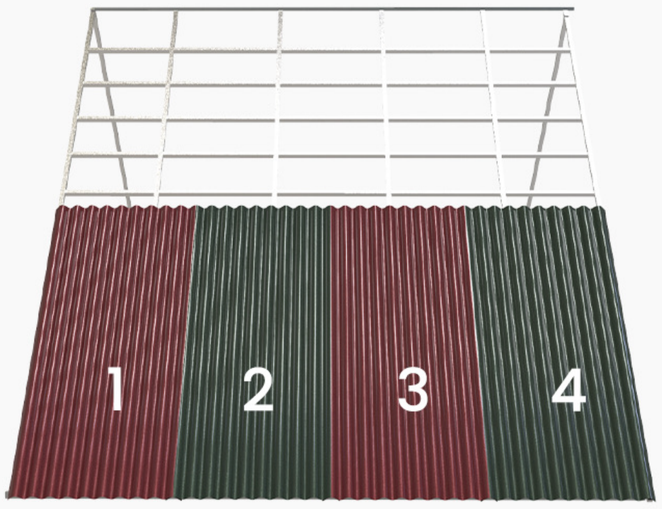


Metal Frame with Roof Pitches of minimum 15°

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

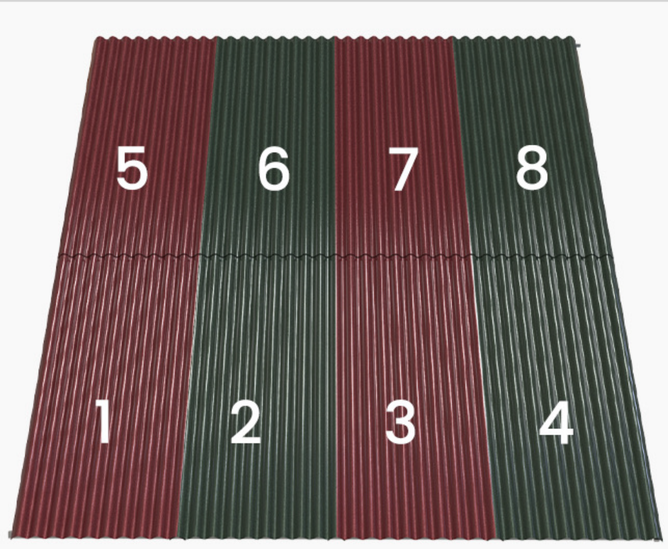


Maintain 45cm (2 feet) interval between each Purlin



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

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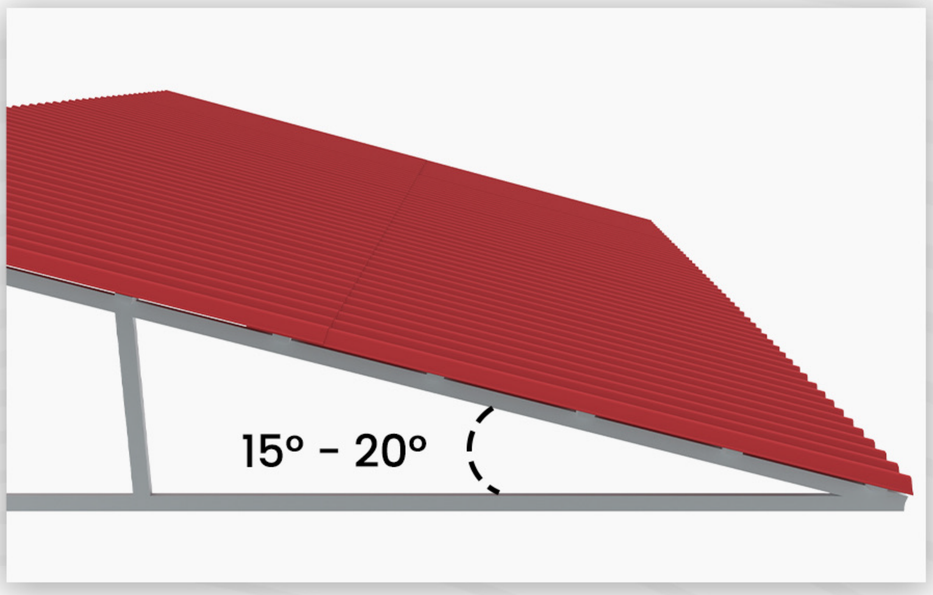
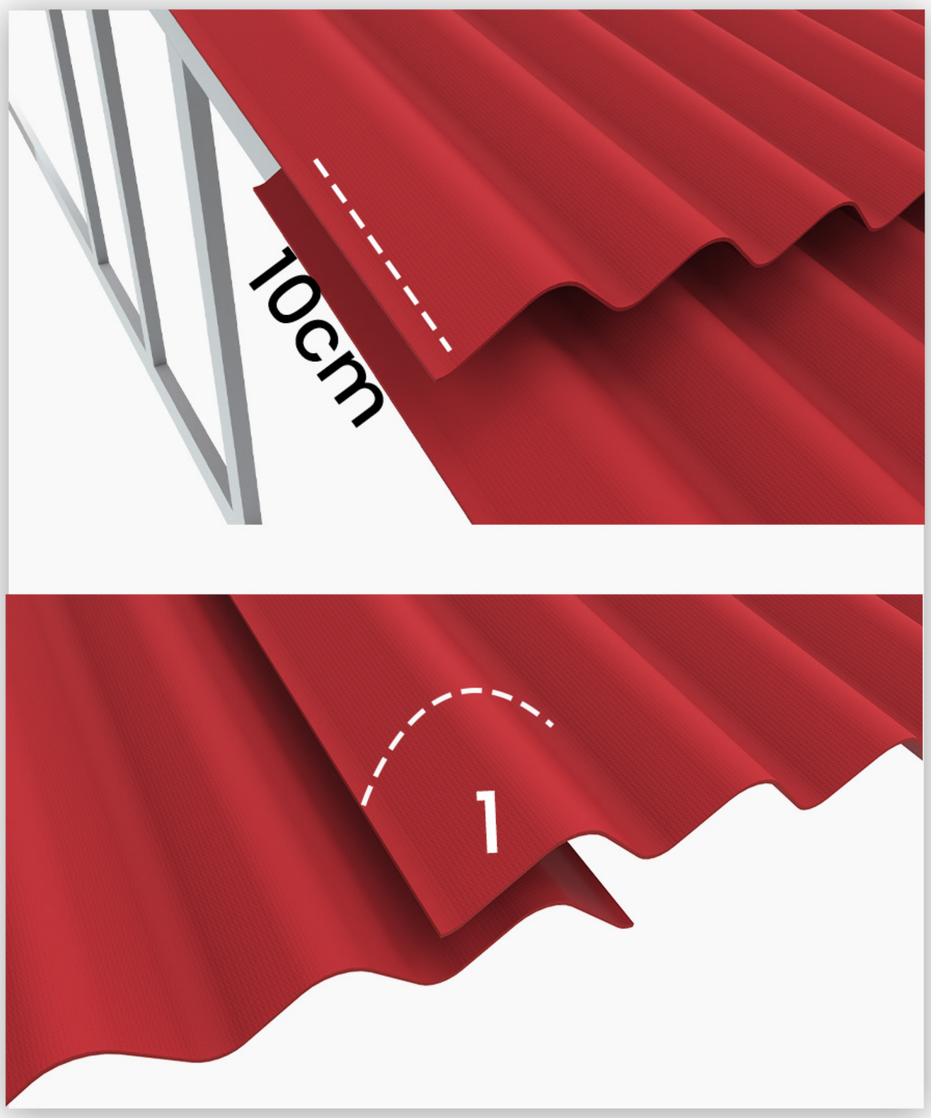


Frame

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

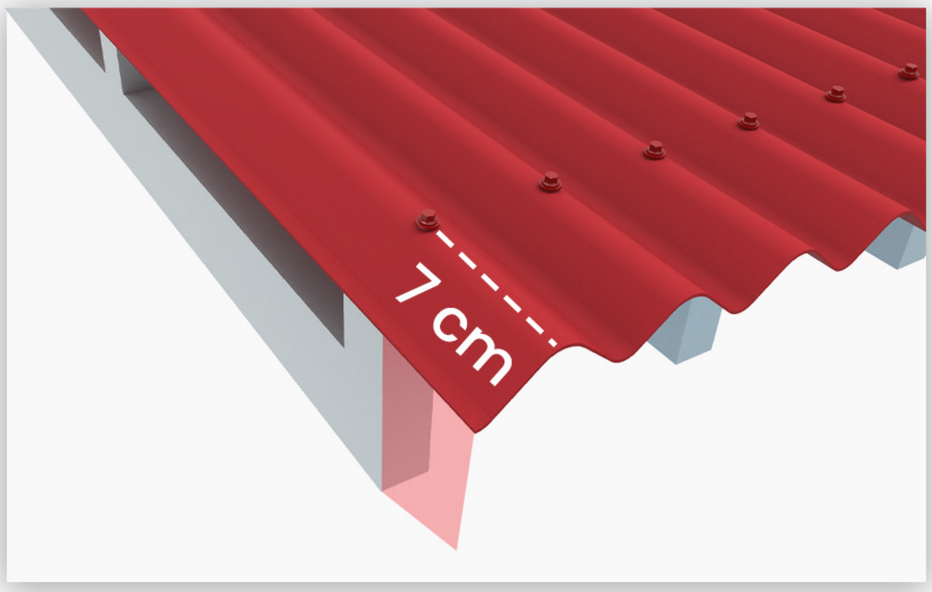
Overlapping Guidelines

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.

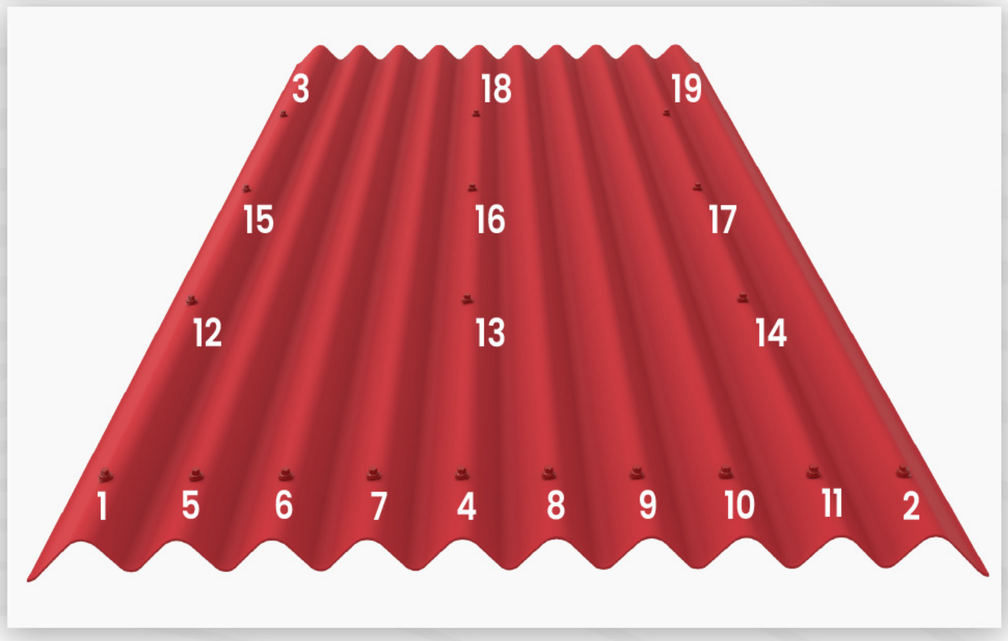


Overlap

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

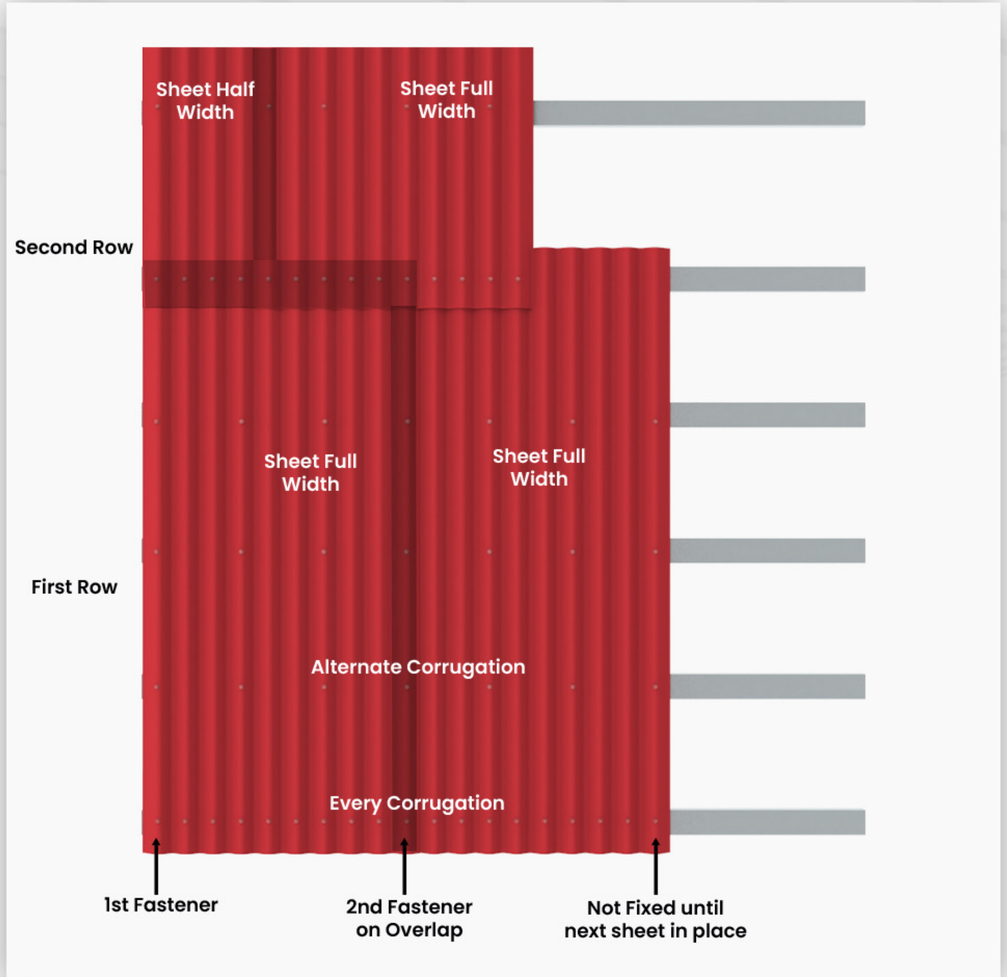


The sheets overhang should not be more than 7 cm.



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



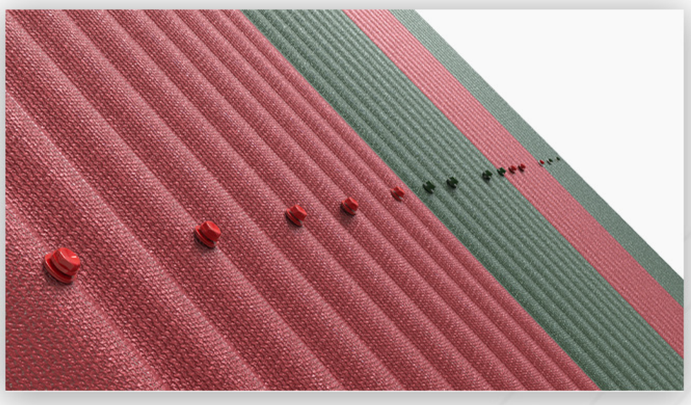
Start every second row with a sheet cut in half vertically in order to avoid side overlaps in the same line on all length of the roof, thus creating a broken bond pattern.

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.

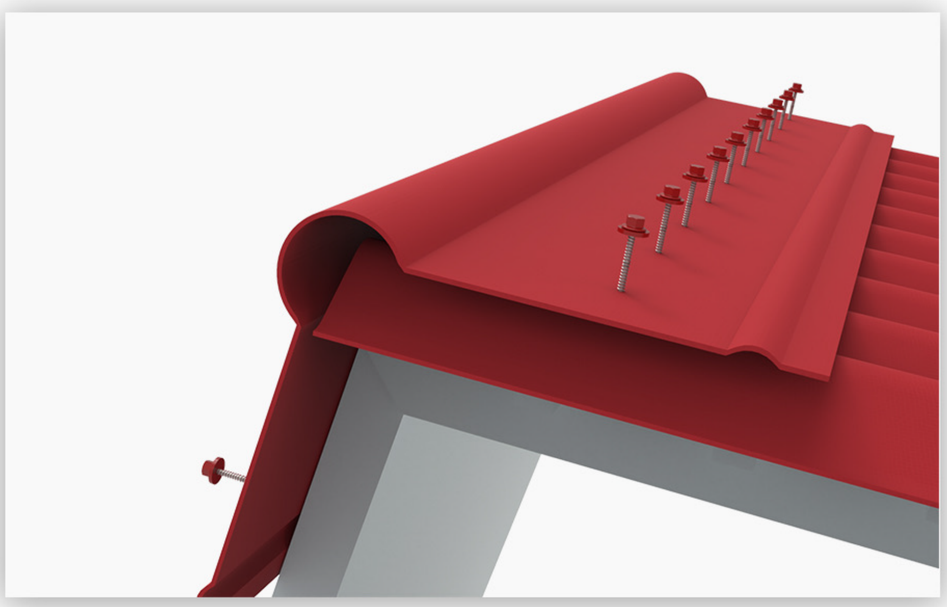
Drive the drill screw through the top of the corrugation.





Use only Skylanes recommended washers

End Roof



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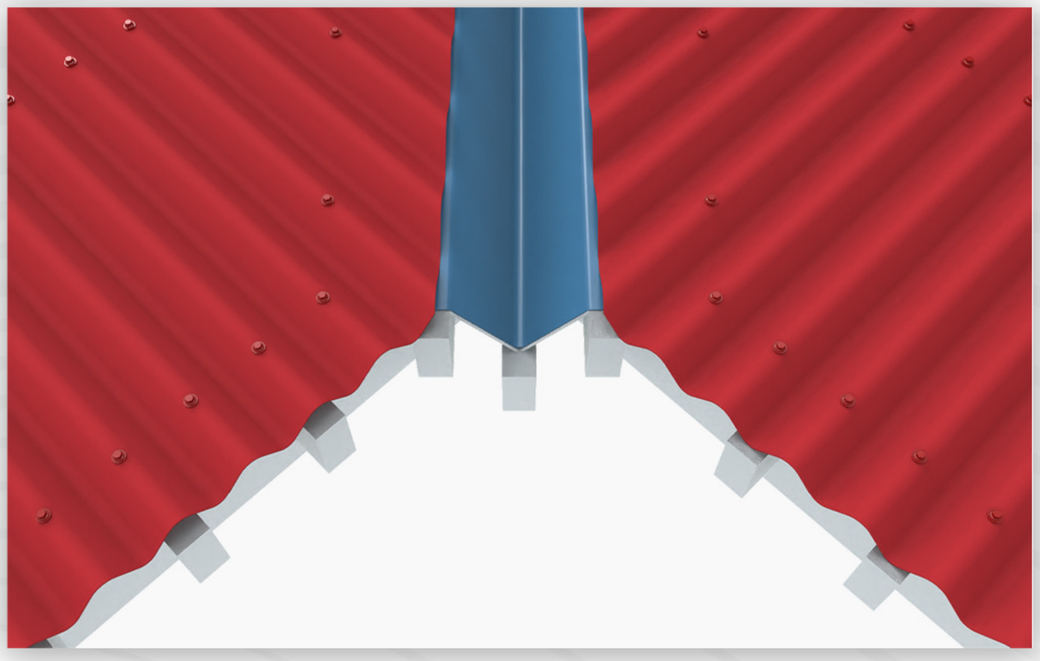
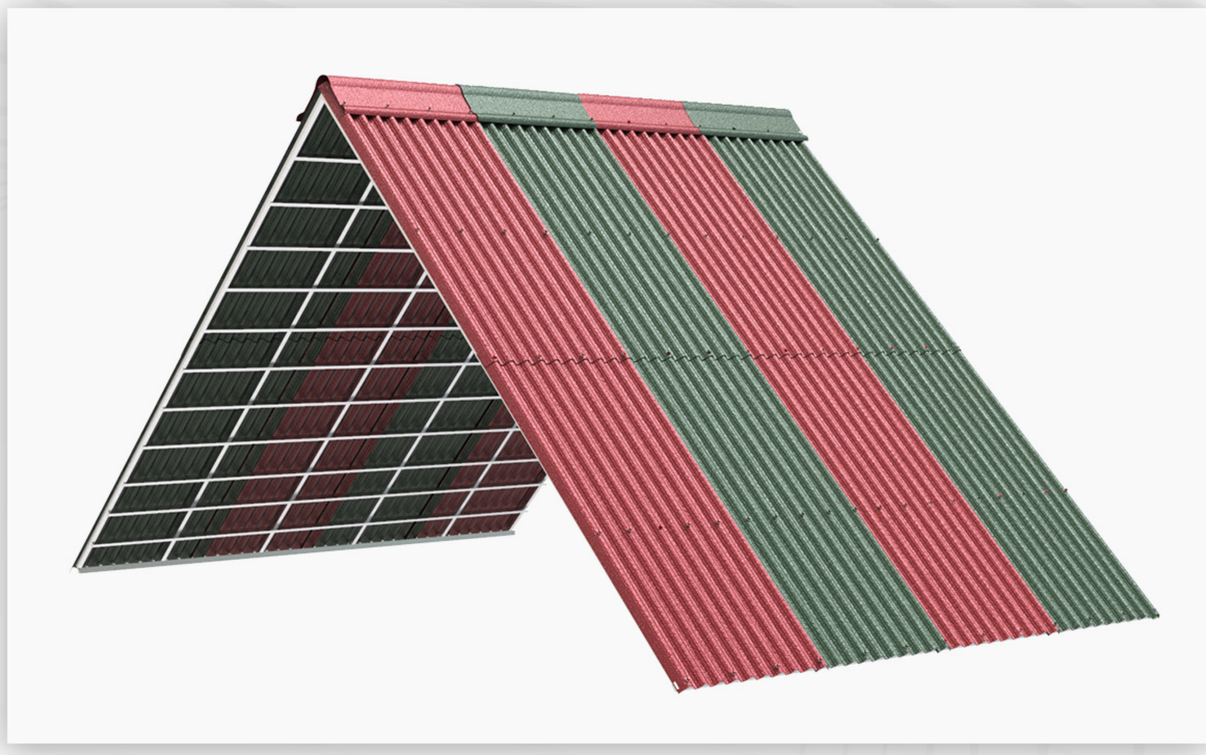
Valley



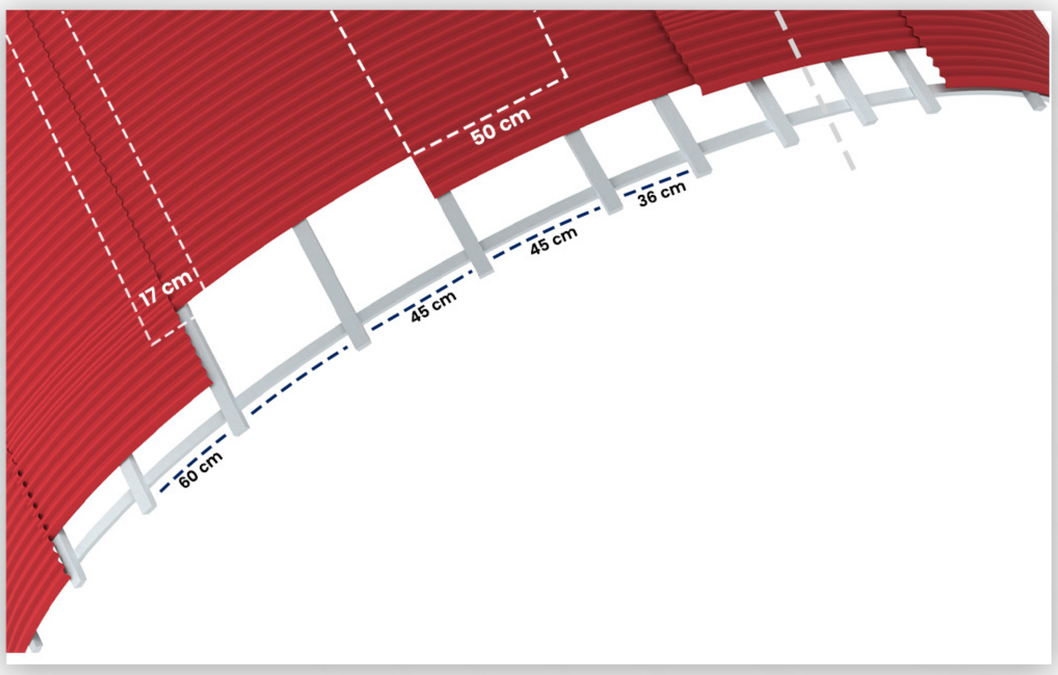
Fix valley board / trim purlin and line with metal pre-formed unit.

- 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

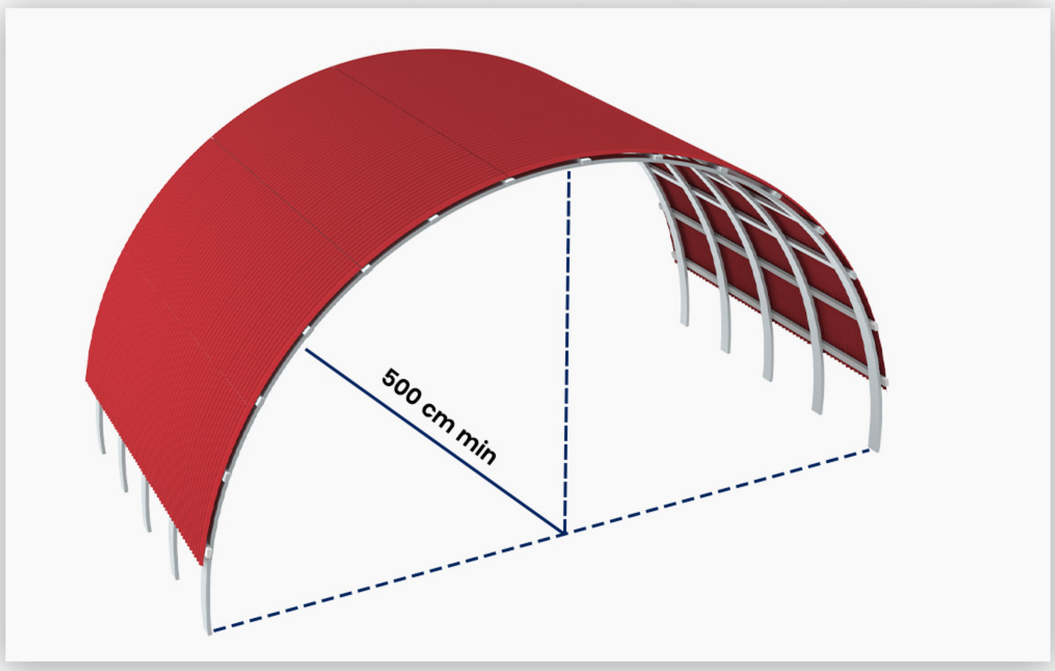


When the frame design is established, contin- uously setup the lines courses to get the right positions of purlins :

- 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 cen- tered in its middle).
- No sheet overhang more than 7 cm.
- Side lap: 2 corrugations.



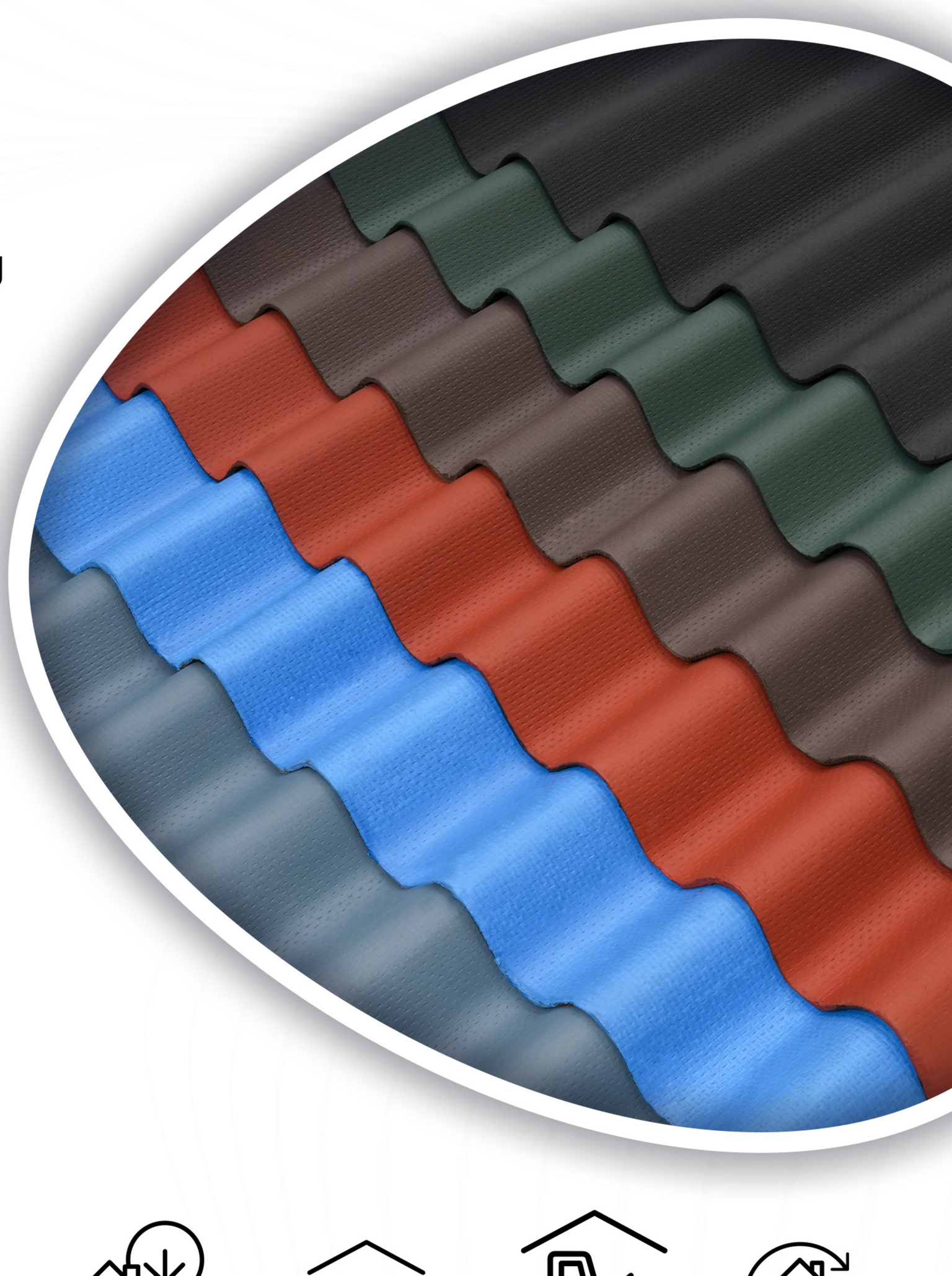
SKYLINES LIGHT WEIGHT & STRONGER ROOF | PARAMOUNT Thermal & Acoustic Insulation | PARABATAI

Usages

Skylanes Asphalt Roofing Sheets products are used across a wide variety of industries, including individual and collective housing, commercial buildings, resorts, leasure 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' specifi- cation 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

Leasure Housing

Public Access Buildings

Farm Buildings

Renovation

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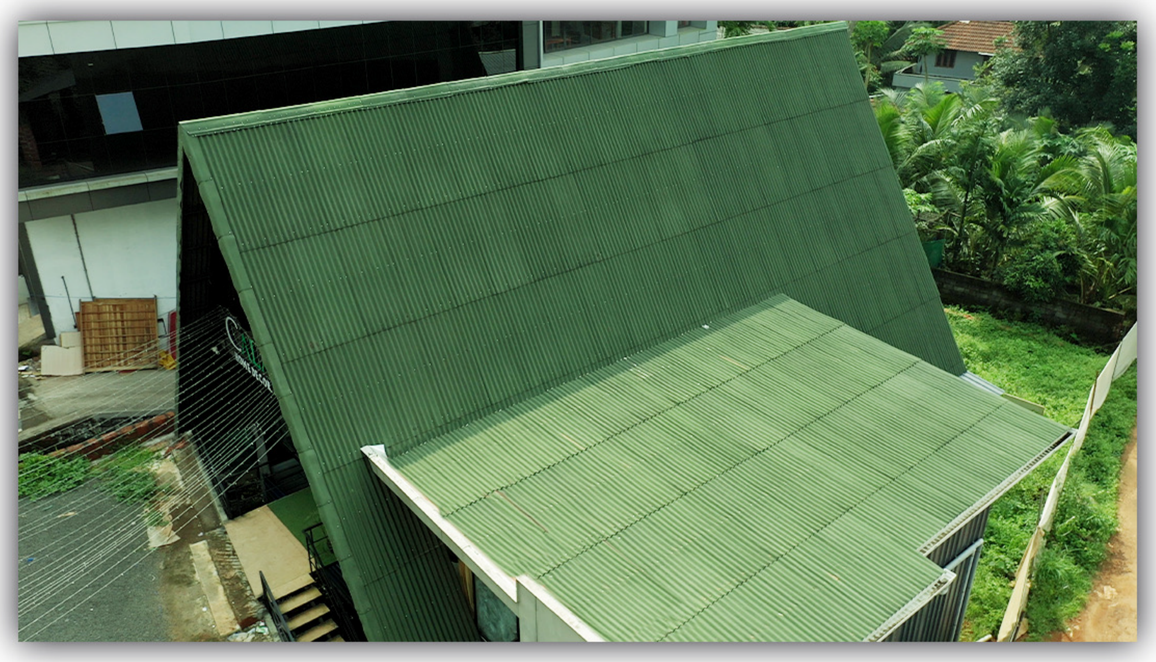
Our Projects



Showroom



Wood House



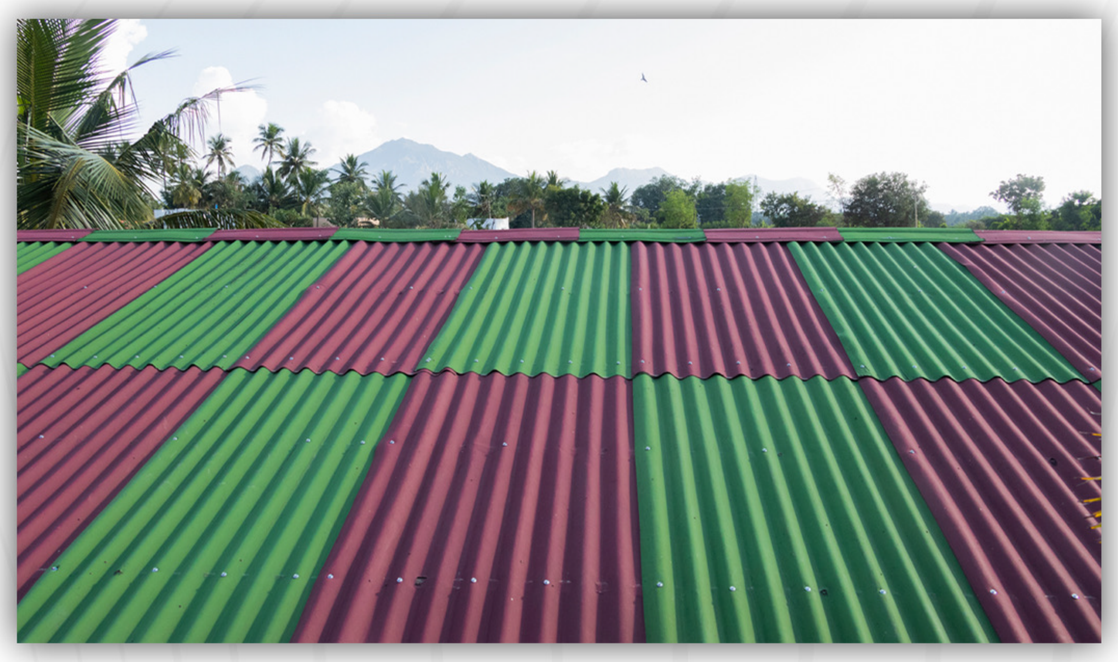
Resort



Farm House



Godown



Warehouse

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Our Projects



Ayurvedic Centre



Poultry Farm



Terrace Roofing





Cottages

Attractive & Aesthetic Look!

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Eco-Friendly & Sustainable Features of Skylanes Asphalt Roofing Sheets

At Skylanes, our ongoing mission is to take serious sustainable acions 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 "

SKYLANES LIGHT WEIGHT & STRONGER ROOF | PARAMOUNT Thermal & Acoustic Insulation | PARABATAI

PARAMOUNT®
Thermal & Acoustic Insulation

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



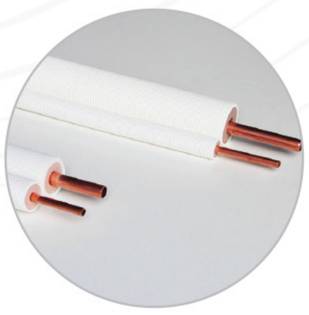
Aco Isolate
Acoustic Insulation



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





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Manufacturing Unit

SKYLANES™
LIGHT WEIGHT & STRONGER ROOF

Skylanes & Allied Products Pvt. Ltd.
Manufacturing Partner

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E-mail : riteroofasphalt@gmail.com, skylanes06@gmail.com
Website : www.skylanes.co.in

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Thermal & Acoustic Insulation

Paramount Intercontinental Pvt. Ltd.
Marketing Partner

PARABATAI

Parabatai Technotech Pvt. Ltd.
Sales & Installation Partner

ADD - L - 7 & 8, Upper Ground Floor, Lane No-7, New Mahavir Nagar, New Delhi - 110018
Email : sales@paramountinsulation.in , sales@parabatai.in Website : www.paramountinsulation.in
Customer Care: 011-47060000 (30-Lines) +91 9810363888

Website
www.skylanes.co.in

Youtube
Our Channel

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ISO 14001 CERTIFIED
ECO FRIENDLY
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MAKE IN INDIA