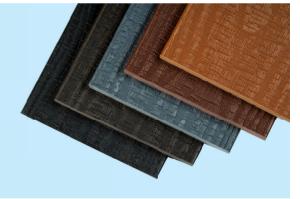


ADORNING THE WORLD AROUND YOU.



















A diversity of details goes into conceiving a dream home. Paying attention to those finer details makes all the difference in modern construction industry. It separates the best from the rest. It manages to successfully meet the desires of new age customers and to align perfectly with their visions for comfort and luxury. Courtesy the large scale development and introduction of novel innovations in this felid today, it is now possible to bring out the aforementioned details far more convincingly than ever before.

Not just in the envisioning of perfect interiors, but significant innovation has been introduced also into the designing of roofing and external spaces as well, in recent years, courtesy a whole host of new products available in the market to choose from.





THE CROWNING GLORY IN ROOFING SINCE 2000

Incepted in the year 2000 by a team of professionals who forayed into the infrastructure industry as roofing contractors, Skylite Roofings has since then established as a pioneer in roofing and infrastructure industry. Garnering the trust and goodwill of the country's most trusted brands while undergoing a remarkable rise in the process, that spans almost 20 years, Skylite Roofings has become the gold standard in delivering quality products and in customer satisfaction. The first major step that led to this incredible growth was the expansion of the company in 2004 into trading as a result of identifying the need for quality products.

And thus brought into the mix were the roofing and infrastructure products that subsequently grew to become the company's main domain. Skylite Roofings today paints an image of acute professionalism, performance and state-of-the-art sophistication. A testament to that are our highly skilled staff and a thriving network of 500 dealers across Kerala who connect with us seamlessly by means of our hi-tech logistics division. All these contribute towards making Skylite Roofings the crowning glory in roofing and infrastructure sector.

VISION

To be the torchbearer in bringing the most innovative and advanced products from leading Indian and international brands to Kerala. To be a catalyst for large scale changes in construction industry by significantly enhancing the standard of construction.

MISSION

To consistently ensure products which are of the highest levels in quality, value for money and satisfaction. To maintain a relationship based on trust and commitment with our dealers and customers.

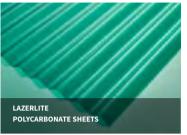


EXPERTISE UNPARALLELED

The most significant determinant in the growth of this company, the binding force that keeps our framework sturdy is Skylite Roofings' expert team with more than 100 people. Highly skilled, having great technical knowhow, they are professionals with years of experience in the field. Along with that, Skylite Roofings benefits from a thriving network of 500

dealers across Kerala who connect with us seamlessly by means of our hi-tech logistics division that comprises of over 30 vehicles. It is as a result of the endeavours of all these individuals Skylite Roofings has attained an overarching position in the roofing and infrastructure sector.

VERSATILITY MEETS FUNCTIONALITY





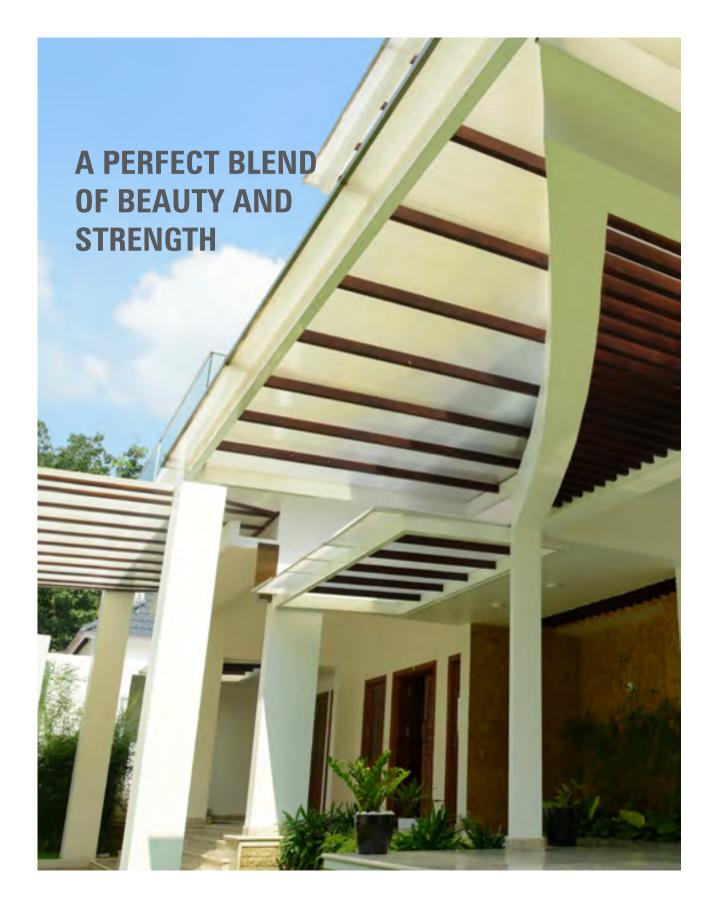












LAZERLITE UV

Superior Polycarbonate Sheets

Procured from the most trusted manufacturers, Lazerlite is the only polycarbonate sheet that features advanced weather guard technology. This is achieved by incorporating a special protective material that significantly extends the life of the sheet. Made available in two variants, Lazerlite UV and Lazerlite UV Pluz, these high-tech polycarbonate sheets are manufactured by

the process of extrusion and contain a ribbed section between two layers of sheets of polycarbonate. The aspect that makes these sheets so effective is their inherent ability to undergo large plastic deformations without cracking or breaking, thus requiring minimum or no structural fabrication when working on it.

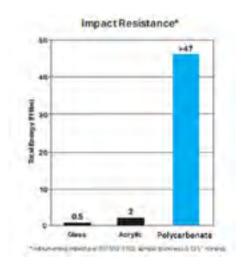


Lazerlite polycarbonate sheets are used for plant / warehouse roofing, pyramids, domes, skylights, etc. It also finds important applications in the construction of walkways, interior partition, roof lights, swimming pool covers, green house, etc.

CHARACTERISTICS OF LAZERLITE POLYCARBONATE SHEETS

IMPACT STRENGTH

Hail impact Makrolone outperforms most other transparent materials on impact strength. Makrolone multi UV sheets provide guaranteed protection against hailstones, due to the material's high impact resistance. This is why, all Makrolon@ multi UV sheets have a 10-year war-ranty on weathering and hail resistance.



LIGHT WEIGHT & EASY TO INSTALL

With area weights of 0.8 to 4.2 kg/m2 Makrolon@ multi UV sheets are notably light weight. They have been designed to offer optimal load-bearing characteristics at minimal weight. In roof glazing, for example, no massive supporting construction is necessary, which enables light and open constructions. For special applications, such as stadiums, sheets with higher load bearing characte- ristics and higher weight per rn2 are available on request.

Solid PC is nearly half the weight of glass
Hollow PC is nearly 1/10 the weight of glass

Weight kg/m ²				
Thicknes s, mm	Hollow PC	Solid PC	Acrylic	Glass
2	-	2.4	2.4	5
4	0.8	4.8	4.8	10
6	1.3	7.2	7.2	15
8	1.5	9.6	9.6	20
10	1.7	12.0	12.0	25
16	2.8	19.2	19.2	40
20	3.2	24.0	24.0	50

WEATHERING RESISTANCE

WEATHERING RESISTANCE Makrolon@ multi UV sheets are extremely weather-resistant because the sheets are produced with a coextruded UV-protective layer. This layer comprises the same basic material as the sheet material and is homogeneously fused with it. No delamination of the layer is possible, even after years of exposure to the elements or if the sheets are cold bended. The UV-protected side must be installed facing upwards/outwards. This system has been extensively tested both in artificial weathering tests as well as in natural weathering under extreme climatic conditions.



THERMAL INSULATION

Makrolone multi UV sheets offer much better heat insulation than single glazing, be-cause of their special multi wall structure and low heat conductivity. This is measured as the U-value and depends on the number of chambers and the thickness of the air cushion: the more chambers and the thicker the air cushion, the lower the U-value. In recent years, Bayer Sheet Europe has continued to develop sheets with improved thermal insulation. This helps reduce the C02 outputs associated with global warming. This has resulted in several new types, such as 4-wall, 6-wall and 5X-wall sheets, which have lower Ug values than other sheets of the same thickness.

The multiwall structure of PC Sheets provides a thermally insulating glazing material which brings natural light into a building whilst reducing heat loss (U-Value) through the glazing. This contributes to a more energy efficient

structure. u-values as low as 0.83W/m2K and helps to reduce the carbon footprint of a building

LIGHT TRANSMISSION

Makrolon@ multi UV sheets have a light transmission value of up to 81 %, depending on the structure, colour and thickness of the sheet (check the individual data sheets for more details). Makrolon@ multi sheets are structured such that the transmitted light is dispersed homogeneously, preventing unpleasant light spots and hot spots. Coloured and/or translucent sheets reduce light intensity and heat, which results in pleasant room climate and ambience. Our newly developed opal white sheets (type 1146) offer improved light transmission, resulting in a more diffuse but brighter light, ideal for working environments. Makrolon@ multi IQ-Relax are opal white sheets, which dramatically reduce heat from sunlight, whilst allowing visible light to pass through.

TRANSPARENCY

Two Layer Hollow Sheet ~88% Solid Sheet ~92%



FIRE RESISTANCE

No dense smoke and toxic gas are produced during burning process

Standard Grade

Country	Thickness mm	Test Method	Classification
UK	3-8	BS 476/7	Class Y2
UK	8 – 12	BS 476/7	Class Y1
Germany	3 - 8	DIN 4102	Class B1
Germany	8 - 12	DIN 4102	Class B2
USA	3-8	UL-94	Class V2
USA	8 – 12	UL-94	Class V0

Flame Resistance F Grade

Country	Thickness mm	Test Method	Classification
UK	3	BS 476/7	Class Y1
France	2-12	NF 92-507	Class M2
Germany	3	DIN 4102	Class B1
USA	3	UL-94	Class V0
Europe	3	EN 13501-1	"B-s1-d0"

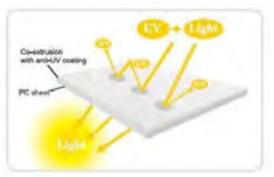
Standard PC sheet is rated UL94-V2 and FR PC Sheet is rated UL94-V0

SOUND INSULATION

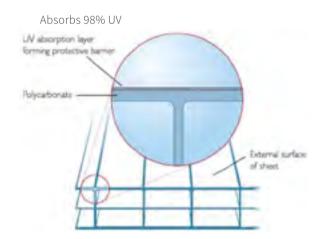
SCORSA FRAME (sheet material)	Thickness	R_ (C,C,)	Sound insulation DL _n	Group
Polycarbonate	a mm I5 mm	29 (-1;-2) dB 33 (-1;-2) dB	27 dB 31 dB	B3
Single-pane safety glass	12 mm	30 (-1;-1) dB	29 dB	B3
Acrylic glass	15 mm 20 mm	32 (-1;-2) dB 33 (-2;-2) dB	30 dB 31 dB	B3 B3

8mm sheet reduce noise by 33 db

UV PROTECTION

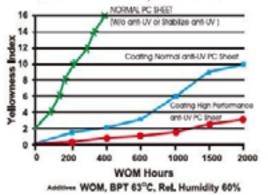






50μ Anti-UV Coating gives 10 years life

Light Stabilization of 50µm anti-UV Coating



TYPES OF LAZORLITE POLYCARBONATE SHEET

MULTI WALL

Multiwall or twin-wall polycarbonate sheet combines high light transmission, thermal insulation and weather resistance. Easy to install, lightweight and impact resistant, it is manufactured with a UV protected layer which is fused homogenously with the sheet metal.

The UV protected layer which imparts protection against weathering for 10 years is installed facing upwards/outwards. This sheet is ideally used as a load-free panel. In case of other load bearing structures, it is advisable to use sheets of greater thicknesses.

Ultralite® polycarbonate twin wall polycarbonate sheet is a basic type with light weight, you can also call it double wall polycarbonate panels. Ultralite® twin wall polycarbonate panels have another feature, UV resistant of two sides which greatly help to extend service life.

Typical Application

Roofing light sheet and sunshade for building

Skylight, lighting for corridors, balcony, passages, and subway entries, walkways.

Conservatories, agricultural greenhouse, zoos, botanical gardens.

Industrial roofing and glazing

Natatorium Swimming pools roofing/cover/sheet

Features

Light weight

High impact strength

High light transmission

Good weather resistance and UV protection

High heat insulation

Simply processed and installed

IR-MULTIWALL

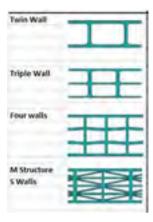
Ultralite® IR-Transparent multiwall polycarbonate sheet with Cool Light Technology designed to block heat transmitting Infra-Red solar energy cleverly reducing heat build-up by up to 7°C..

TYPICAL APPLICATIONS

- Roof lights
- Canopies
- Conservatories
- Vertical Glazing

Reduce Heat build-up up to 7°C

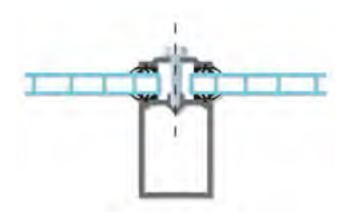
MULTIWALL POLYCARBONATE SHEET STANDARD SIZE



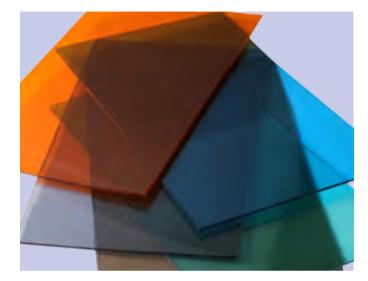
MW PC Sheet Profile	Thickness (mm)	Width - Length	Weight	Colors	
MW PC Sheet Profile	Thickness (mm)	(mm)	kg/Sqm	Colors	
2 Wall - Rectangular	4		0.8		
2 Wall - Rectangular	6	1220 x 11800 2100 x 11800	1.3		
2 Wall - Rectangular	8		1.5		
2 Wall - Rectangular	10		1.7	Clara Ovari	
3 Wall - Rectangular	16		2.8	Clear, Opal,	
3 Wall - Rectangular	20		3.2	Bronze, Green, Blue, Metallic	
4 Wall - Rectangular	8		1.6	Grey	
4 Wall - Rectangular	10		1.8	Grey	
5 Wall- M Structure	25		3.4		
5 Wall- M Structure	32		3.7		
5 Wall- M Structure	40		4.2		

^{*}Other dimension & Colors are available with a special order, subject to a minimum order

HOW TO INSTALL MULTIWALL POLYCARBONATE SHEET



COMPACT/ SOLID



Polished, UV stabilized and transparent polycarbonate product with excellent impact strength, superior dimensional strength, high temperature resistance and great

Ultralite® GP PC sheet is a polished surface, UV stabilized, transparent polycarbonate product. It features outstanding impact strength, superior dimensional stability, high temperature resistance, and high clarity.

Typical Application

Industrial glazing

Machine guards

Structural parts

Thermoformed and fabricated components

Indoor & Limited outdoor Application

clarity. The compact variant is also easy to fabricate and customize. It comes with a 5 year warranty which is available upon request.

This lightweight thermo formable sheet is also easy to fabricate and decorate.

GP PC sheet is offered with a five (5) year Limited Product Warranty against breakage.

UV PROTECTED COMPACT/ SOLID

Ultralite® PC sheets use optical grade UV coating which is Co-extruded on top with a 50 micron thick protective UV Coating either on one or both sides.

Co-Extrusion is a process that ensures an evenly spread, evenly thick base material and UV coating

Polycarbonate (PC) sheets lasts longer -Warranted for 5 years without discoloration and a minimum of 10 years without breakage

Typical Application

Skylights, day lighting system

vault roofing

Architectural roofing, Covered walkways

Sport venues

Transparent acoustic barriers, Sound barriers

Outdoor Application with 10 years warranty

Sheet Type	Thickness	Width -	Weight	Colore
	(mm)	Length (mm)	kg/Sqm	Colors
Solid Sheet	1	1220 x 31000	1.2	
	2	2050 x 31000	2.4	
	3	(Rolled)	3.6	Clear, Opal
	4	1220 x 2440 1220 x 3050 2050 x 2440 2050 x 3050	4.8	White,
	6		7.2	Bronze,
	8		9.6	Green, Blue
	10		12.0	
	12	1	14.4	1

^{*}Other dimension & Colors are available with a special order, subject to a minimum order

LIGHT DIFFUSER SOLID SHEET

Ultralite® light diffuser sheet contains many tiny diffuser beads that continually change the light propagation. It turns light into a unique experience. Soft, pleasant lighting devoid of harsh shadows makes for agreeable surroundings.

Features

High light transmission, high light diffusion

High Impact Resistance, practically unbreakable

Restful to the eye, mood-enhancing

Long service life time

Large range of sheet sizes & thicknesses

Good visual effect for LED Cover



EMBOSSED & DIAMOND SHEET

Ultralite® Embossed polycarbonate sheet treating with texture or pattern is embossed on its surfaces. By the texture diffuses the natural light, which streams in and ensures uniform dispersion of light over a large-scale area that can prevent glare. It is more used mainly in the partition with beautiful decoration effects.

Features

Protect Privacy with its translucent surface

High Impact Resistance, practically unbreakable

Lightweight

Anti-ultraviolet, delay aging

Large range of sheet sizes & thicknesses

High temperature resistance

Light transmission – 40% to 72%

Typical Application

Roofing light sheet and sunshade for building

Skylight, lighting for corridors, balcony, passages, and s

Industrial wall cladding, Industrial roofing and glazing

Privacy Glazing, Domes, Canopies & Pyramids

Light Diffuser in architectural light fittings

Partitions & Ceilings

Embossing & Engraving

Bathroom, Upholster





PRISMATIC SHEET

Ultralite® Polycarbonate Prismatic sheet is a translucent, UV stabilized, polycarbonate product with a prismatic texture on one side. This prismatic pattern has been optimized for light diffusion and light transmission, making it an excellent choice for most conventional lighting applications.

FEATURES

Light diffusion

Impact resistance

Excellent Light transmission

Weather resistance

Flame resistance

Heat resistance, cold resistance

Lightweight

Sound insulation



TYPICAL APPLICATION

Skylight, Dome, Roofing

LED Cover, LED lighting

Architectural lighting, interior partition/screen

Indoor partition of furniture, office, pedestrian passageway

Decoration of commercial building, curtain wall of modern city building

Advertising sign, light box advertising.

Display and exhibition

Wall, roof, screen and other top-grade interior decoration material

MATTE SHEET

Ultralite® Matte polycarbonate sheet(frosted sheet) is treated with Special high level of glazing and frosted performance. It has ability to perform in wide range of temperature up to 100 degree Celsius makes the frosted sheets excellent for light fixtures that hear up after long usage.

FEATURES

Protect Privacy with its translucent surface

High Impact Resistance, practically unbreakable

Lightweight

Anti-ultraviolet, delay aging

Large range of sheet sizes & thicknesses

High temperature resistance

light transmission: 40% to 72%

TYPICAL APPLICATION

Machine Guards

Indoor partition and ceiling

Lighting Roofing, Carport and awnings

safety and security glazing

advertising billboard

Indoor decoration and partition

Bathroom, Upholster



CORRUGATED / ANTIGLARE POLYCARBONATE SHEET

Ultralite® Polycarbonate corrugated sheet combines polycarbonate corrugated structure and polycarbonate embossed texture. It's thin and strong, Corrugated PC sheet structure enhances the impact resistance of PC sheet..

Features

Cover larger surfaces without doing laps, more fixable for installation,

Anti-static function.

Easy to install.

Self cleaning.

Save space in container, easy for domestic transportation.

Bending radium is much smaller than hollow sheet.

Color: Clear, Blue, Green, Yellow, Red, Bronze

Typical Application

Roofing light sheet and sunshade for building

Skylight, lighting for corridors, balcony, passages, and subway entries, walkways.

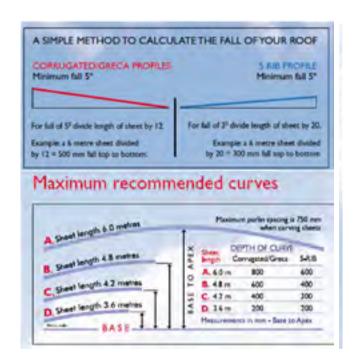
Conservatories, agricultural greenhouse, zoos, botanical gardens.

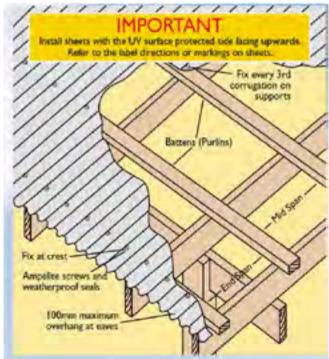
Industrial roofing and glazing

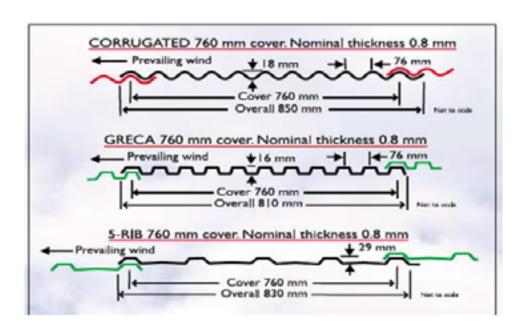
Natatorium Swimming pools roofing/cover/sheet

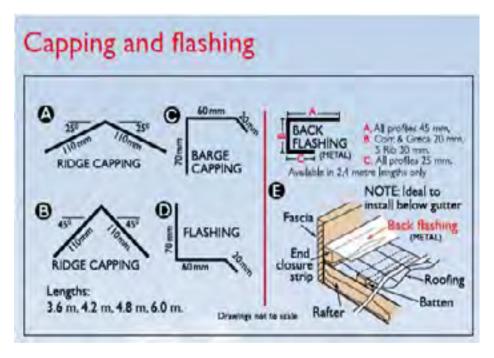
Stadiums, Hospitals, School

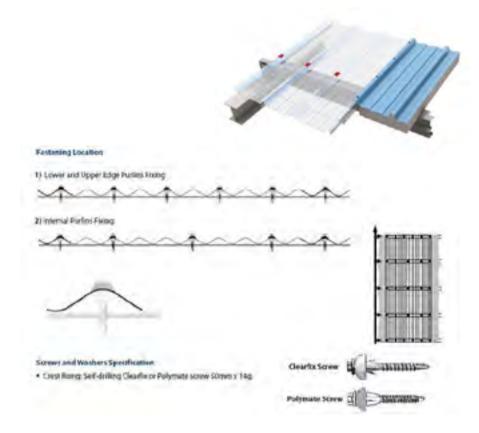
CORRUGATED SHEET INSTALLATION GUIDELINES











End closure strip and anti-noise tape We recommend the use of self adhesive foam tape on battens and end closure strips, CORRUGATED 5 RIB - BOTTOM GRECA

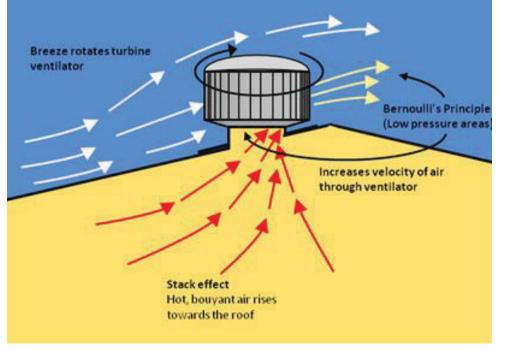
EFFECTIVELY RELEASE
HEAT AND MOISTURE FROM
YOUR ATTIC



Premium Polycarbonate Sheets



LAZERLITE 24" ALU TURBINE TECHNICAL SPECIFICATIONS		
Material Used:	Totally Aluminium Built	
Number of Vanes:	0.47 mm thickness, 38 Numbers Centre	
Shaft:	Stainless Steel	
Bearing:	2 No's Self Lubricate Sealed	
Rivets:	Aluminium Pneumatic Rivets	
Turbine Doom Thickness:	1 mm (Stainless Steel)	
Turbine Outer Dia:	680 mm	
Turbine Doom Dia:	380 mm	
Turbine Rotor Dia:	655 mm (Stainless Steel)	
Turbine Throat Dia:	610 mm	
Turbine Height:	230 mm	
Turbine Weight:	4 Kgs	



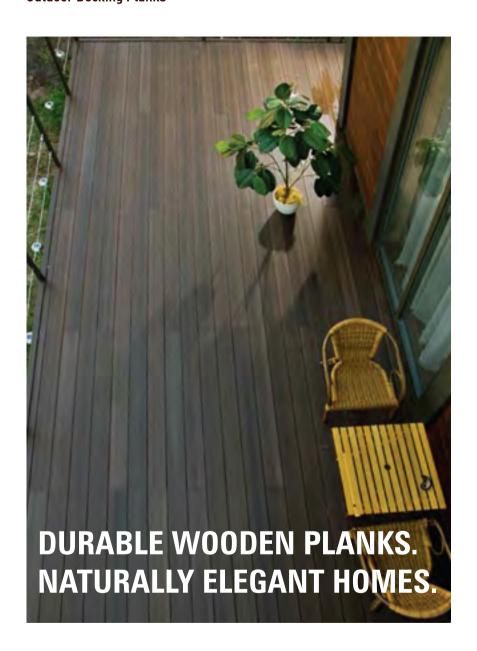
Material Used:	Totally Stainless Steel Built
Number of Vanes:	0.3 mm thickness, 38 Numbers
Centre Shaft:	Stainless Steel
Bearing:	Self Lubricated - 2 Nos
Rivets:	Aluminium Pneumatic Rivets
Turbine Doom Thickness:	1mm Stainless Steel
Turbine Outer Dia:	686 mm
Turbine Doom Dia :	380mm
Turbine Rotor Dia:	655 mm
Turbine Throat Dia:	610mm
Turbine Height:	360 mm

4.6 Kgs

Turbine Weight:

24" Stainless Steel Mirror Finish Turbine Technical Specifications

DECKWOODOutdoor Decking Planks



Made of Wood plastic composite (WPC), the revolutionary substitute of wood, Deck Wood combines the original elegance and appeal of wood with the performance of plastic, enabling you to create exquisite composite wood decks you have always wished for. Recycled plastic and waste wood constitute the main raw materials for this product, hence promoting sustainable development and reducing the reliance on forest resources. It can be even concluded that using ten WPC planks equate to saving one tree. Extremely versatile in functionality, Deck Wood is coated with veneer on the outside to bring about incredible finish and attractiveness.

Suitable for a wide variety of applications that range from decking, cladding, railing, fencing, ceiling, land-scaping, etc, composite wood also finds extensive use in the construction of gates, partitions, sunscreens and signages. Easy to install and greatly resistant to fire and even the most extreme of weather conditions, Deck Wood paves your way with quality and durability.





Durability for life



High workability



Natural wood appearance with no usual wood related problems



Light weight, high density and strengths



Moisture and water resistant, so less cracking and warping



No additional cost for maintenance, painting, etc



Highly recyclable and environment friendly



Cost effective



Available in different colors



Barefoot friendly and anti-slip



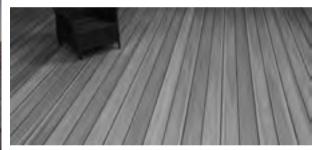
Termites, insects and mould-proof



Dual surface option











Available Textures



Gray



Chocholate



Red Brown



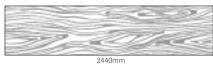
Black

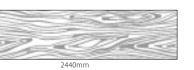


Teak









20mm

INSTALLING DECKWOOD® OUTDOOR DECKING PLANKS

ACCESSORIES FOR INSTALLATION

Runners

Z clamp

Tape measure

Level

Deck wood angle

Screws



PRE-INSTALLATION

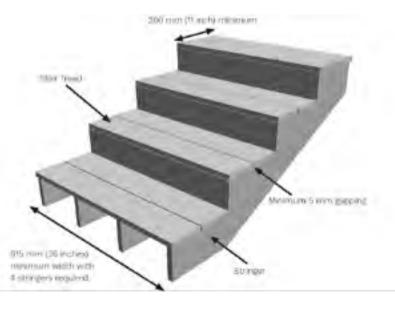
Measure the area and ascertain the amount of materials required.

It is recommended to have 5% more of decking boards to work with to make up for all the possible cutting wastage.

PREPARATION

It is important to have a solid foundation that will help stabilize the entire decking structure. In order to achieve that, make sure the area is clean of debris, foliage, weeds, water and other undesirable materials that if not removed can impede the deck.

It is advisable to have a level surface with sufficient scope for drainage.



SUBSTRUCTURE

FIXING RUNNERS

Fix the runners 30cm to 40cm apart by screwing into the ground/surface with proper leveling. Do not ever over tighten the screws into the runner. Continue the process at 1 metre spaces along the length of the frame.

For soft grounds, it is advisable to use posts as substructures on concrete pad foundations.

For uneven grounds, stabilize the posts by adding concrete mix. After installation, remove the extra height of the post.

INSTALLATION

Position the Deck wood firmly on the runners. Make sure to have it aligned properly with the runner.

Insert the angles perfectly into the groove of the Deck wood and screw it into the pre-drilled centre line of the runner.

After leaving a 1/8" gap for expansion between the Deck wood and planks, join them perfectly using angles.

Place the second row of boards on the first after leaving another expansion gap. This can be facilitated by using a T-fastener.

Tighten all the screws properly and double check to confirm no parts are loose.

MAINTENANCE TIPS

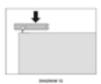
Keep your composite deck dry. Standing water overtime can lead to stains.

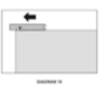
Ensure the drainage is proper to eliminate water from under the deck. Remove all debris and dirt out of gaps.

Ensure adequate ventilation is maintained under and between the boards to prevent mold growth.

Clean your deck at least twice each year.



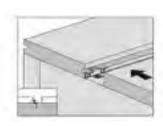




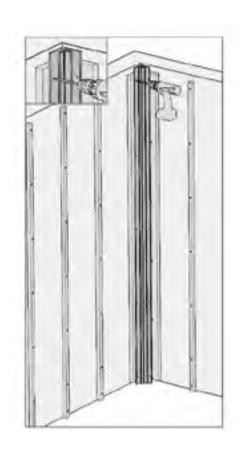




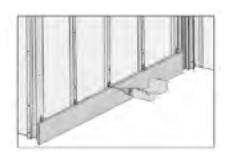




INSTALLING DECKWOOD® WALL CLADDING PLANKS







FIBRE CEMENT PLANKS

ELEGANCE THAT ENDURES LONGER



Fabricated out of Fibre Cement Composite, which is a combination of cement and cellulose fibres, Fibre Cement Planks have grown to become the most preferred choice for a wide variety of cladding and roofing applications. Hosting incredible strength, durability and versatility, these premium grade planks elevate the quality of life. Superior durability and versatility enable Zykron Cement Planks to be covered with laminates or veneers that in turn, give the product a flawless finish and also protect the building's exteriors from harsh weather. Zykron Cement planks, while being 100% asbestos free, offer phenomenal sound insulation, and fantastic stiffness They are easy to work on offer high

aesthetic value and are extremely economical and also environment friendly. Further, Zykron Cement planks offer significant advantages over conventional wooden planks.





Available colours



Berry Brown



Wealthy Brown



Black Wallnut



Natural White

HIGH PRESSURE LAMINATE

FunderMax cladding systems are not only aesthetically superior and unique in design, but they are also extremely energy efficient. FunderMax offers complete design freedom. The cladding panels can be customized via CNC cutting into any motifs that the architect wants. Compact Laminates for exterior cladding can be customized for each building for different wind load, dead load, thermal load, and other requirements and protect the building from the extremes of weather.

As an extension of the energy efficient façade systems, FunderMax has now come up with a new shading system called Max Lato which is aimed at improving daylighting, glare mitigation and energy efficiency without compromising on the comfort of the occupant.

Extremely weather resistant

Optimal light-fastness

Double hardened

Scratch Resistant

Solvent resistant

Easy to Clean

Impact resistant

Easy to install









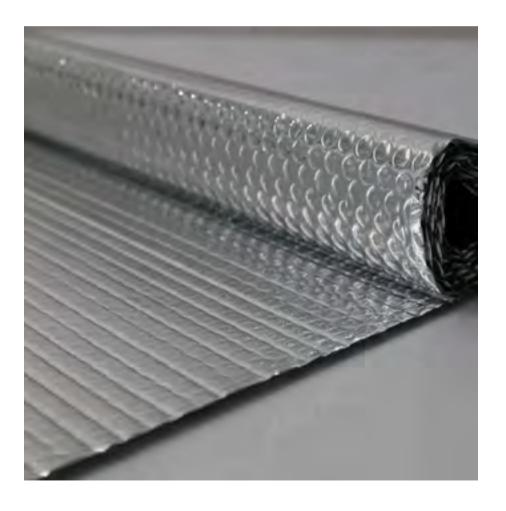
BITUMIN TAPE

Availabe sizes

2" | 4" | 1mtr



THERMAL INSULATION SHEETS





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