




LAZERLITE

Redefining Architecture



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.





WHY LAZERLITE

Incepted in the year 2000 by a team of professionals who forayed into the infrastructure industry as roofing contractors, **LAZERLITE** 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, **LAZERLITE** 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.





OUR BRANDS

LAZERLITE Premium Polycarbonate Sheets

LAZERLITE Glanza Colour Coated Roofing Sheets

LAZERLITE UVPLUS Premium Polycarbonate Sheets

LAZERLITE DECKWOOD Exterior Wall cladding Panels

LAZERLITE DECKWOOD Premium Outdoor Decking Planks

LAZERLITE PLANKMAX High Pressure Laminated Planks

LAZERLITE Premium Turbo Ventilators

DIAMOND Fiber Cement Planks

CENTURYEXTERIA High Pressure Laminated Sheets

zykron Fiber Cement Planks and Boards

Elephant Shield's Liquid Rubber - Water Proofing Solutions

ESSR BOND - Premium Hybrid Cealing Bond

Aerolam - Heat Insulation Panels

Stone Plastic Composi (SPC) Flooring

Laminated Wooden Flooring

Roofing Shingles

PARÉ Soffit Ceiling and Wall System





LAZERLITE UV LAZERLITE UV/PLUZ

PREMIUM POLYCARBONATE SHEETS

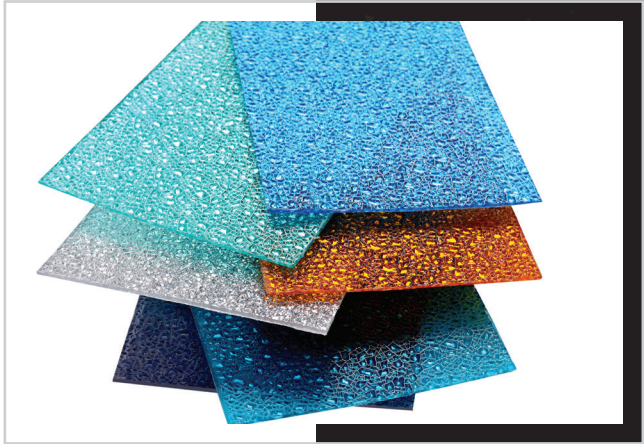
LAZERLITE Premium Polycarbonate sheets have high impact strength, fire retardant, highly durable, light weight, weather resistant, corrosion resistant, highly stable, sound proof and light transmitting power. The compact variant is also easy to fabricate and customize. It comes with a 10 years* warranty which is available upon request.

LAZERLITE UV Polycarbonate Sheet is a polished surface, UV coated, transparent polycarbonate.

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

DESIGNS:

Solid, Diamond, Embossed, Rain Drop, Multi Wall, Corrugation Sheet



SOLID/ DIAMOND/ EMBOSSED/ RAIN DROP

LAZERLITE UV Polycarbonate Sheet 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. Polished, UV coated and transparent polycarbonate product with excellent impact strength, superior dimensional strength, high temperature resistance and great clarity.

TYPICAL APPLICATION

• Decorative Roofing, Window Shades, Car Parkig • Machine guards • Thermoformed and fabricated components • Indoor & outdoor Application

SPECIFICATION

| SHEET TYPE | THICKNESS (MM) | WIDTH - LENGTH (MM) | COLORS | TYPE |
|-------------|----------------|---------------------|-----------------|-----------------------------------|
| Solid Sheet | 1 | | Clear, | Lazerlite UV Lazerlite UV Plus |
| | 2 | 1220 x 30500 | Opal White, | |
| | 3 | 2100 x 30500 | Bronze, | |
| | 4 | | Green, Blue | |
| | 6 | 1220 x 2440 | Lake Blue, Grey | |
| | 8 | 1220 x 3050 | Orange, Yellow | |
| | 10 | | Purple | |

ADVANTAGE :



High impact strength



Fire retardant



Durable



Light weight



Weather resistant



Flexible



Corrosion resistant



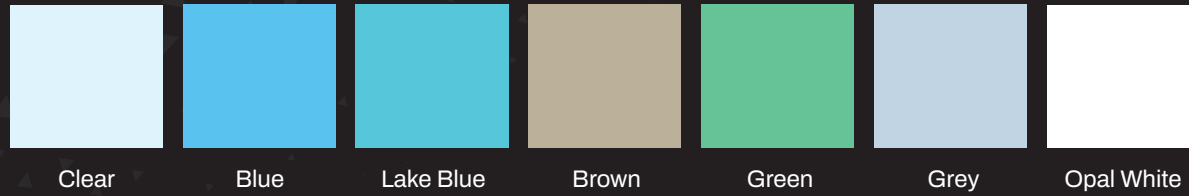
Light Transmission up to 86%



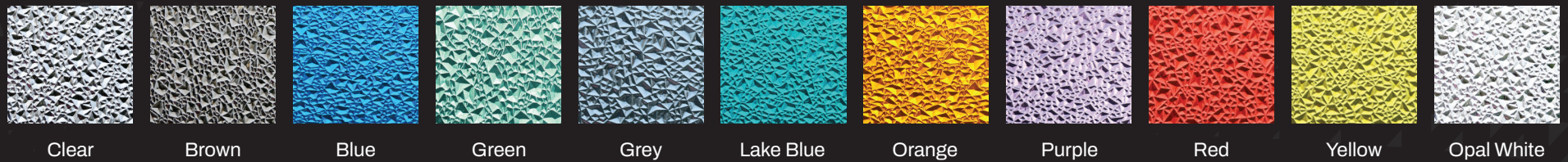
Sound proof

COLOUR RANGE

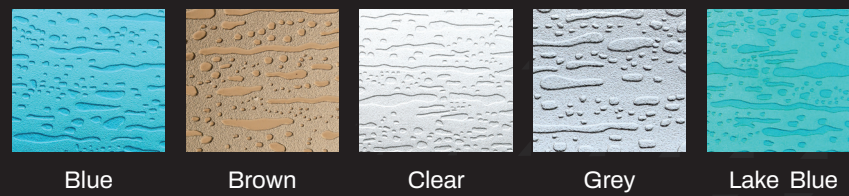
SOLID



DIAMOND



RAIN DROPS



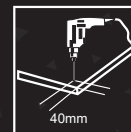
Property Advanced Material Standards

| Item | Measuring Method | Condition | Unit | Value |
|-------------------------------|------------------|-----------------------------------|-----------|------------|
| PHYSICAL | | | | |
| Specific Gravity | ASTM D792 | Natural or representative color - | | 1.2 |
| Melt Flow Index | ASTM D1238 | 300 °C, 1.2kg | g/10min | 11.5 |
| Mold Shrinkage(MD) | ASTM D955 | Flow at 3.2mm (MD) | % | 0.5~0.7 |
| Mold Shrinkage(TD) | ASTM D955 | X-Flow at 3.2mm (TD) | % | 0.5~0.7 |
| MECHANICAL | | | | |
| Tensile Strength at Yield | ASTM D638 | 50mm/min | kgf/cm2 | 640 |
| Tensile Strain at break | ASTM D638 | 50mm/min | % | 110 |
| Tensile Modulus | ASTM D638 | 50mm/min | kgf/cm2 | 20000 |
| Tensile Strength at break | ASTM D638 | 50mm/min | kgf/cm2 | 650 |
| Flexural Strength | ASTM D790 | 2.8mm/min | kgf/cm2 | 920 |
| Flexural Modulus | ASTM D790 | 2.8mm/min | kgf/cm2 | 23000 |
| Izod Impact Strength(notched) | ASTM D256 | 1/4 inch at 23°C | kgf·cm/cm | 15 |
| Izod Impact Strength(notched) | ASTM D256 | 1/8 inch at 23°C | kgf·cm/cm | 87 |
| Rockwell Hardness | ASTM D785 | R-Scale - | | 120 |
| THERMAL | | | | |
| Heat Deflection Temperature | ASTM D648 | 18.56kgf/cm², 6.4mm | °C | 135 |
| Heat Deflection Temperature | ASTM D648 | 4.6kgf/cm², 6.4mm | °C | 140 |
| VICAT Softening Temperature | ISO R | 306 B/50 | °C | 145 |
| FLAMMABILITY | | | | |
| Flammability | UL94 | V-2 | mm | 0.75 - 3.0 |

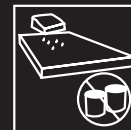
TECHNICAL SPECIFICATIONS

| GENERAL | | | |
|--|---------------------|-----------|--------------------|
| PROPERTY | Method | UNIT | LAZERLITE |
| PHYSICAL | | | |
| Specific Gravity | D-792 | g/cc | 1.2 |
| Water absorption | ISO 62 | % | 0.15 |
| MECHANICAL | | | |
| Tensile Strength at Break | D- 638 | Psi | 12500 |
| Tensile Elongation Maximum | D- 638 | % | 5.1 |
| Izod Impact (NOTCHED) | D-255 | Ft-lbs/in | 16 |
| Impact Strength | D-638 | | 200NM |
| Tensile Impact Strength | D-1822 | Ft-lbs/in | 20 |
| Compressive Strength (Rupture) | D-638 | PSI | 12.500 |
| Flexural Strength | D638 | PSI | 12.500 |
| Rockwell Hardness | D-785 | | M17 |
| THERMAL | | | |
| Thermal conductivity | 10 Cal-cm/sec cm.sq | °C | 4.7 |
| Temp of deflection (HTD) Under load of 1.8 MPa | ISO 75-1 | °C | 130 |
| Vicat softening temp (50 °C/h 50N) | ISO 306 | °C | 144 |
| Coefficient of linear thermal expansion | 0-50°C ISO 11359 | mm/mx1 °C | 0.070 |
| GWFI(Glow-wire Flammability index) | IEC60695-2 | °C | 900 |
| ELECTRICAL | | | |
| Dielectric strength | IEC60093 | x cm | 300-380 |
| Dissipation Factor | IEC60093 | x cm | 0.01 |
| Dielectric Constant | IEC60093 | x cm | 3 |
| Vol. Resistivity | IEC60093 | x cm | 8x 10 16 |
| Flammability | IEC60093 | x cm | Self Extinguishing |

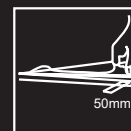
INSTALLATION PROCEDURE



DRILLING: Use only new or sharply ground steel or carbide tipped drills. All holes must be drilled at least 40mm from the edge of the sheet. The diameter of drill holes must be 50% larger than that of the screws to allow thermal expansion. Provide enough space to allow for thermal expansion due to seasonal temperature fluctuation.



CLEANING: Wash sheet with a solution of mild soap or household detergent and lukewarm water using a soft cloth or sponge to loosen any time and dirt. Sheets must not contact with alkalines, alkali salts, amines, ketones, aldehydes, esters, ethers, chlorinated hydrocarbons, aromatic hydrocarbons, methanol and isopropanol, etc.



FILM REMOVING: Remove approximately 5cm of film from all sheet edges before installing. Remove all films immediately after the completion of the construction.

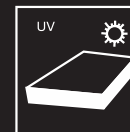


STORAGE: Must be padded and packaged in good condition during storage and transportation. Don't store under direct sunlight or without shelter from rain.



CUTTING: Masking films should remain on the sheet to prevent scratching. Utility knives can cut thinner gauges. Sheets should be clamped for hand saw cutting to prevent vibration. Sheets can be sawed with circular saw using carbide triple-chip fine tooth panel bladed. remove dust from cutting with a compressed air or a vacuum, and seal again with anti dust tape

UV SIDE TOWARDS UP: uv side (sticker side) towards up



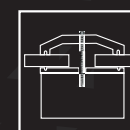
BENDING: When cold bending the sheet must not be bent with the generatrix parallel to the honeycombs. The radius of curvature must be more than 175 times of the sheet thickness. Don't walk of the sheet thickness don't walk on PC sheet at any time.



SILICON SEALANTS: Sealants and gaskets must be compatible to polycarbonate.

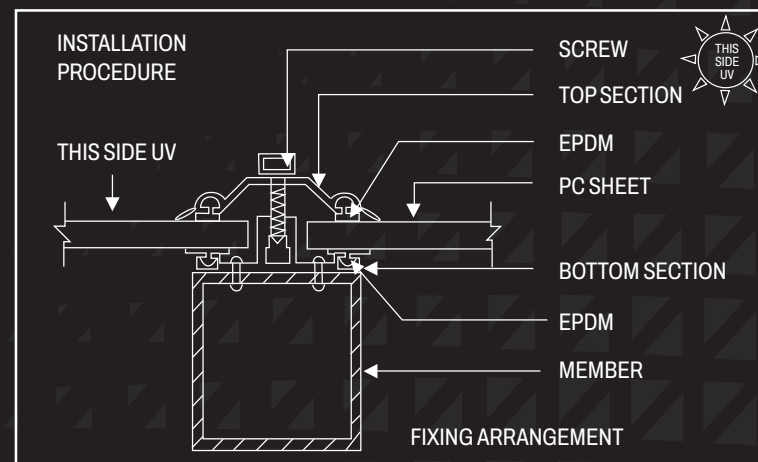


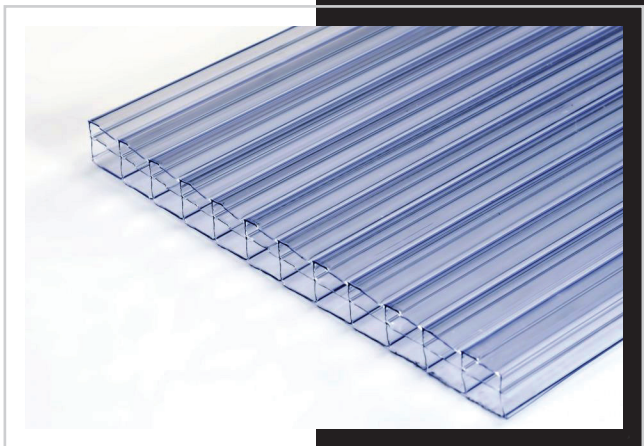
JOINTS: Joints should be seal with aluminum male and female sections and should keep 6 mm expansion gap



WARRANTY: Lazerlite Quality Polycarbonate sheet is limited guaranteed for 10 years (Installation procedure should follow company specifications)

* warranty applicable only when the installation completed as per the instruction





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.

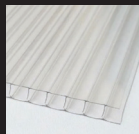
The UV protected layer which imparts protection against weathering for 10 years is installed facing upwards/outwards. This sheet is ideally used as a load-free panel. In case of other load bearing structures, it is advisable to use sheets of greater thicknesses.

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

SPECIFICATION

| MW PC SHEET PROFILE | THICKNESS (MM) | WIDTH - LENGTH (MM) MW | WIDTH - LENGTH (MM) |
|----------------------|----------------|------------------------------|---|
| 2 Wall - Rectangular | 4 | 1220 x 11800 2100 x 11800 | Clear Bronze, Blue Lake Blue Grey Opal White Orange Red, Green Silver Grey |
| 2 Wall - Rectangular | 6 | | |
| 2 Wall - Rectangular | 8 | | |
| 2 Wall - Rectangular | 10 | | |
| 3 Wall - Rectangular | 16 | | |
| 3 Wall - Rectangular | 20 | | |
| 4 Wall - Rectangular | 8 | | |
| 4 Wall - Rectangular | 10 | | |
| 5 Wall - Rectangular | 25 | | |
| 5 Wall - Rectangular | 32 | | |
| 5 Wall - Rectangular | 40 | | |

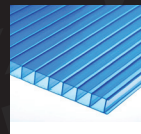
COLURS



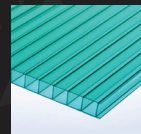
Compact



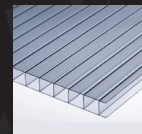
Bronze



Blue



Lake Blue



Silver Grey




CORRUGATED SHEET

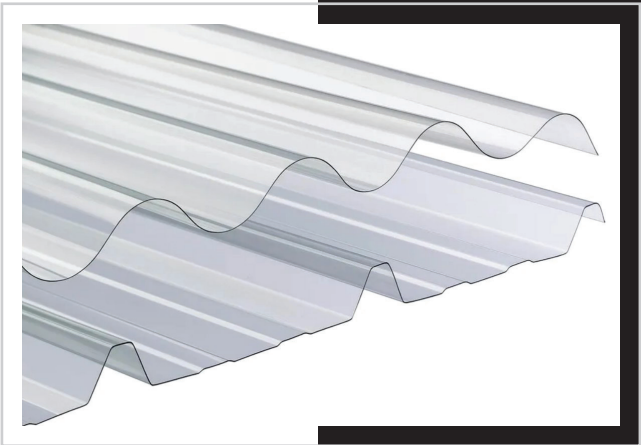
LAZERLITE Polycarbonate corrugated sheet combines polycarbonate compact structure and polycarbonate embossed texture. It's thin and strong, Corrugated PC sheet structure enhances the impact resistance of PC sheet.

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.

SPECIFICATION

| SHEET TYPE | THICKNESS (MM) | WIDTH - LENGTH (MM) | DESIGN TYPE | COLORS | |
|-------------|----------------|--|------------------------------|---------------|---|
| Solid Sheet | 0.8 | 1000 x 6100 | Circular Corrugation (Sinus) | Clear |  |
| | 1 2 | 1100 x 2440 | Trapezodial Corrugation | Opal White |  |
| | | 1100 x 3050 | | Bronze | |
| | | 1100 x 3660 1100 x 7320 Can customise length | Asbestos Corrugation | Green Blue |  |



step 1

Purlins & accessories

Ensure that your roof pitch is at least 5°, ie. 88mm rise per lineal meter. This will ensure adequate water run off.

Curved Roof
Minimum curving radius 4.0 m.

| Profile | End Span | Mid Span |
|------------|----------|----------|
| Corrugated | 800mm | 1000mm |
| Greca | 900mm | 1200mm |
| 5 Rib | 900mm | 1200mm |

step 2

Fixings

Fixing at

| Profile | End | row | Mid | Row |
|------------|-----------|-----------|-----------|-----------|
| Corrugated | every 2nd | every 2nd | every 3rd | every 3rd |
| Greca | every 2nd | every 2nd | every 3rd | every 3rd |
| 5 Rib | All | All | All | All |

Overlap:
Corrugated - 1 1/2 corrugations
Greca - 1 corrugation
5Rib - 1 corrugation

step 3

Capping & flashings for various installations

APEX ROOF - Fit barge capping and ridge capping to the apex. recommended fixing screws

AGAINST A WALL/FASCIA - Fit barge capping to edge of sheet and apron flashing at the wall or fascia. Secure using recommended fixing screws.

UNDER A GUTTER - Fit Back channel flashing with foam infill strips under gutter prior to laying sheets and Barge Capping to edge of sheet.



USAGE



Centre Canopy



Car Porch



Walkway



Vegetable Garden Roof



Extended Roof



Swimming Pool



Building Front Area



Window



Canopy



DECKWOOD™

The image shows a luxurious outdoor deck made of dark brown composite decking. Several dark brown lounge chairs with orange cushions are arranged on the deck. Two large, light-colored patio umbrellas are open. In the background, there is a swimming pool and a view of the ocean under a sunset sky with palm trees. A small 'TM' trademark symbol is visible to the right of the main text.

Made of Wood Plastic Composite (WPC), the revolutionary substitute of wood, **DECKWOOD** 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, **DECKWOOD** 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, landscaping, 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, **DECKWOOD** paves your way with quality and durability.

GATE PLANKS

Design : Deep Grain, Waves

Thickness : 10mm, 11mm, 15mm

Width : 140mm, 190mm

Length : 2440mm, 3050mm, 3660mm, 5480 mm



AVAILABLE SHADES WAVES



B10140C
Chocolate



B10140RB
Red Brown



B10140TW
Teak

AVAILABLE SHADES DEEP GRAIN



DB
Black



DRB
Red Brown



DTK
Teak



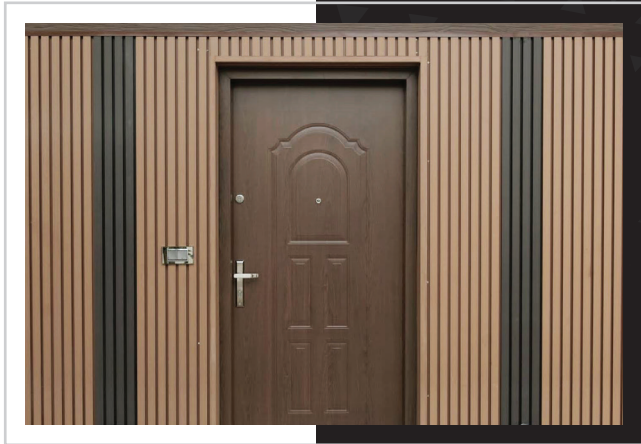
DC
Chocolate



DSG
Silver Grey

SAMPLES





WALL CLADDING

LINER (LOUVER)

Size: Thickness -28 mm | Width-201 mm | Length - 2.9mtr(2900mm)

DEEP GRAIN WAVES

Size: Thickness-8 mm | Width - 155mm (125 mm efective) | Length-2.9 mtr(2900 mm)

AVAILABLE SHADES



DWCGT - Golden Teak



DWCC - Chocolate



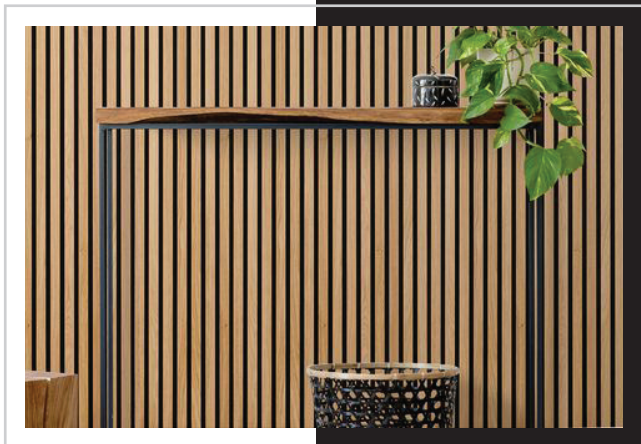
DWCT - Teak

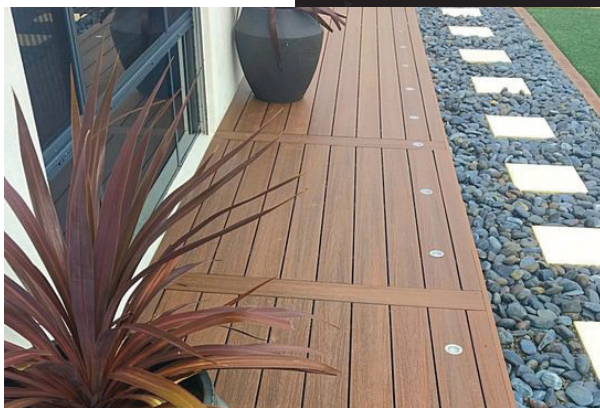


DPT - TEAK



DPRB - Red Brown





FLOOR DECK

Type - Solid, Hollow

Thickness - 25 mm | Width - 140mm, 146mm | Length -3050mm, 3660mm, 5480mm

DIY FLOORING TILE

Size - 300 * 300mm

SAMPLES



D25146 RB
Red Brown - Hollow



D25140 RB
Red Brown - Solid



DFT RB
Tile





STEP LANDING

Thickness -25 mm | Width -142MM | Length - 3660MM, 5480MM

AVAILABLE SHADES



D25142RB - Red Brown



D25142TK - Teak



PERGOLA

Pillar : Size 150 x 150' 2900 mm. Length : 2900 mm

Beam : Size - 80 x 160. Length : 2500mm, 2900mm

Pergola : Size - 180 x 60 mm, 160 x 80 mm. Length: 2500mm, 2900mm

AVAILABLE SHADES



D150RB - Red Brown

SAMPLES



K60160T



K60200T



K120120T



K80160RB

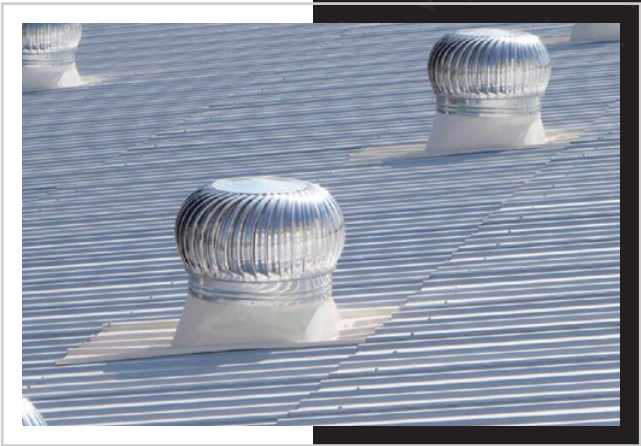


ACCESSORIES





TURBO VENTILATORS



PREMIUM TURBO VENTILATORS ALUMINIUM

Wind Drive Turbo Ventilators have oval aluminum metal vents . Even just a little bit of wind can be just enough for the turbo ventilator to rotate. The speed of the turbine is directly proportional to the speed of the wind. The hot air inside the shed tends to rise up. When the turbines rotate, they suck the warm air out through the vent, thereby, bringing out a drop in temperature in the shed and allow supply of fresh air through doors and windows.

LAZERLITE 24" ALU TURBINE TECHNICAL SPECIFICATIONS

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



JUMBOTURBO VENTILATORS

LAZERLITE Ventilators - Power Roof extractors These Prove to be highly effective in removing heat, dust, gases and smoke form industrial sheds. Power Roof Extractors can install above the Industrial sheds and it matches there roof design. This ventilator is designed and developed under the guidance of vendor's skilled professionals as per the set industry norms. We have vide ranges of Power Roof Extractors in Single and Three Phase.

900mm Tube Axial Flow Fan Specifications

- » Motor Make : Crompton/Equality » RPM : 1440 » Phase : 3 » HP : 3 » No of Blades : 6
- » Blade MOC : Aluminium » Throat Size : 900mm » Max Air Flow Discharge : 22000cfm
- » Sound Level : 92db » Max Load : 4 Amps » Fan Casing MOC : MS



WIND DRIVEN TURBO VENTILATORS STAINLESS STEEL

Complete Stainless Steel 304 Ventilators are used in oxidative environments like methane, sulphur dioxide or acidic environments in plating and cleaning plants using hydrochloric acid, Nitric Acid, Sulphuric Acid etc.

Other applications include removing chlorine fumes above enclosed swimming pools, Minimizing condensation under metal roofs covering water storage tanks or reservoirs. Entire Ventilator Body parts are made from tested SS304 material ensuring trouble free and maintenance free performance for the entire lifetimes.

24" STAINLESS STEEL MIRROR FINISH TURBINE TECHNICAL SPECIFICATIONS

| | | | |
|------------------------|---------------------------------|--------------------|-----------|
| Material Used | : Totally Stainless Steel Built | Turbine Outer Dia | : 686 mm |
| Number of Vanes | : 0.3 mm thickness, 38 Numbers | Turbine Doom Dia | : 380mm |
| Centre Shaft | : Stainless Steel | Turbine Rotor Dia | : 655 mm |
| Bearing | : Self Lubricated - 2 Nos | Turbine Throat Dia | : 610mm |
| Rivets | : Aluminium Pneumatic Rivets | Turbine Height | : 360 mm |
| Turbine Doom Thickness | : 1mm Stainless Steel | Turbine Weight | : 4.6 Kgs |



POWER ROOF EXTRACTORS

Power Roof extractors **LAZERLITE** Ventilators the leading manufacturer of latest technology roof ventilators in India, proudly introduces the Power Roof extractors. These Power roof ventilators prove to be highly effective in removing Heat, Dust, Gases and Smoke from industrial sheds and for keeping humidity and temperature at required level Power Roof Extractors can install above the Industrial sheds and it matches there roof design. This ventilator is designed and developed under the guidance of vendor's skilled professionals as per the set industry norms.

We have wide ranges of Power Roof Extractors in Single and Three Phase and it have aerofoil bladed Impeller mounted directly on the Motor and a rain protection cowl on the top Roof Extractors can be installed on flat or slant roof. A fabricated supporting base structure is required for mounting on slant roof on which exposed sides are to be properly covered to prevent any leakages of rain water.

TURBO TYPE



Lazerlite ATV 86
Aluminium Turbo Base



Lazerlite ATB 6
Aluminium Profile Base



Lazerlite SS base
6 Rib



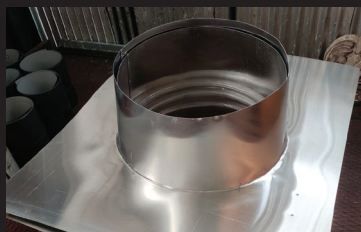
Lazerlite PB 6
Polycarbonate base 6 Rib



Lazerlite ATV6J
Aluminium Turbo Jumbo



Lazerlite PPTV 4
Polypropylene Turbo



Lazerlite
Aluminium Plane Base

USAGE



Industrial Building



Residential Building



Showrooms



Plants



Godown



Commercial Building



Agriculture Building



Factory



LAZERLITE GLANZA TILE PROFILED ROOFING SHEETS



TROUGHED SHEETS

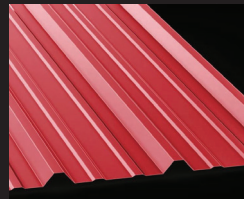
Troughed sheets are widely used in residential and industrial purpose. Troughed sheets from **LAZERLITE** is synonymous with the quality. Precisely roll formed by computerized roll forming machines ensure perfect seating.

It is a value for money to the investor, no matter whether it is a terrace top shelter or construction fencing. Troughed sheet provides incredible strength and safety to the roof.

A real choice of Architects and Engineers due to its amazing aesthetic manifestation.

Raw Materials :- Galvanized Iron, Galvalume & Aluminium Coils

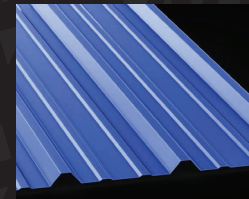
AVAILABLE COLORS



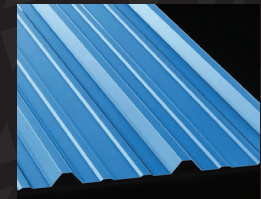
Brick Red



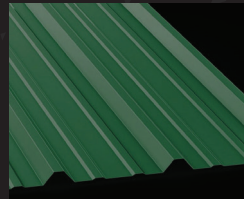
Terracotta



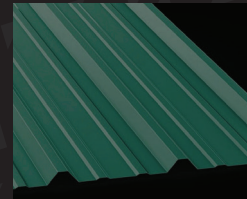
Royal Blue



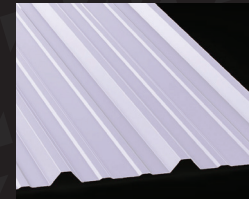
Sky Blue



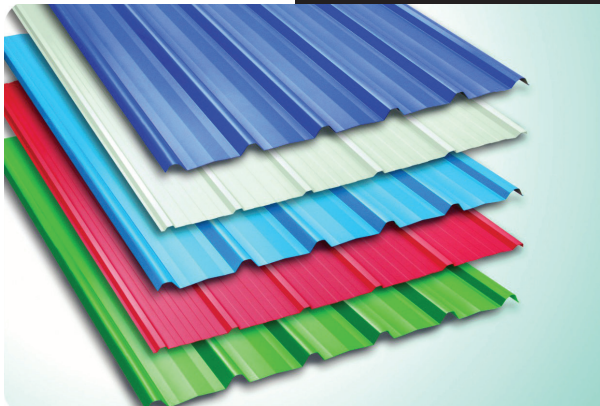
Caulfield Green



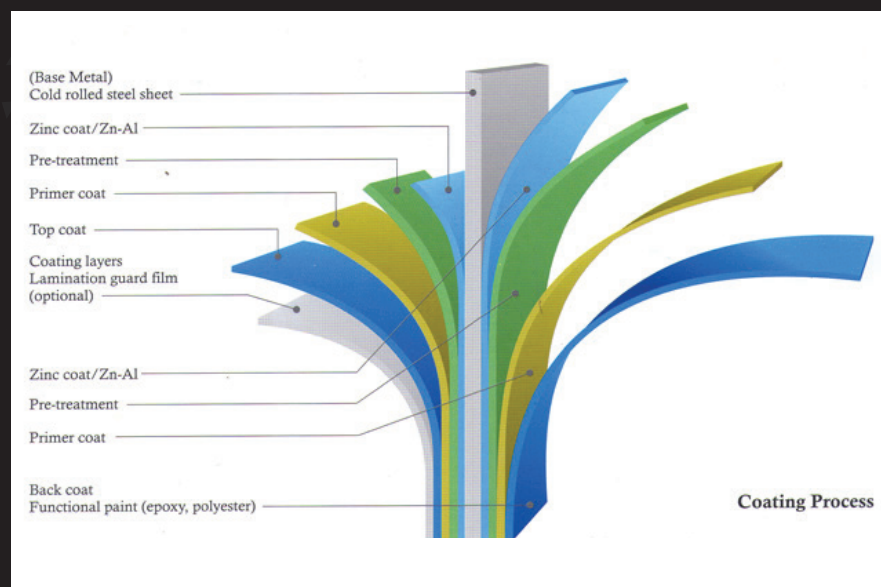
Mist Green



Off White



| BASE MATERIAL | PROFILE DEPTH (MM) | PITCH(MM) | MIN YIELD STRENGTH(MPA) | COATING MASS | ZINC COATING THICKNESS(GSM) | MATERIAL THICKNESS(MM) |
|-----------------|--------------------|-----------|-------------------------|----------------|-----------------------------|------------------------|
| Galvanized Iron | 28 | 255 | 240 - 550 | 340-550 | 90-275 | 0.2-0.6 |
| Aluminium | 28 | 255 | 145 | - | - | 0.3-0.6 |
| Galvalume | 28 | 255 | 240 - 550 | AZ 70 - AZ 150 | 90-275 | 0.2-0.6 |



APPLICATIONS

» Best suitable for both Domestic and Industrial roofing » Suitable for Industrial wall cladding show rooms and office roofing ware house and factory shed roofing » Any architectural roofing and cladding applications » Community Halls » Railway stations » Schools and various others

FEATURES

» Modern and aesthetically pleasing » Double overlap with perfect leak proof design » Strong and Durable » Suitable for any weather conditions » Superior Coating and Forming » Highly corrosion resistant » Quick Laying speed and very cost effective » Can be easily relocated » Available in Various eye catching colors, Materials and thicknesses » Imported/ Indigenous materials available



LAZERLITE GLANZA TILE PROFILED SHEETS (BEAUTIFUL SPANISH DESIGN ROOFING SHEETS)

LAZERLITE Roofings tiles which adds beauty to your building. They are available in many attractive colours and are designed with durability and strength. **LAZERLITE** Roofings tiles are very versatile in function. They enhance the aesthetics of any home, worship homes, commercial buildings and commercial buildings.

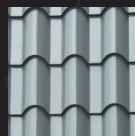
LAZERLITE Roofings tiles are available in Glossy, Matte finish, Multi colour and Wooden panel. We have 3 types of beautiful tile pattern sheets – Spanish Tile, Sky Tile and Dunes Tile.

Features - Eco friendly Light weight Easy to install Weather friendly

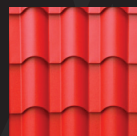
SPECIFICATIONS

| PARAMETER | DIMENSION |
|-----------------|---------------|
| Crest Height | 30 mm |
| Tile Length | 160 mm |
| Supplied Width | 1100 mm |
| Covered Width | 960 mm |
| Pitch | 200-300 mm |
| Length | Upto 7.31 mtr |
| Thickness Range | 0.35-0.60 mm |

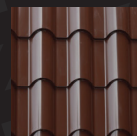
VIBRANT COLOURS



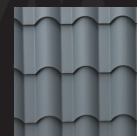
Slate Grey
Glossy



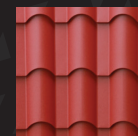
Brick Red
Glossy



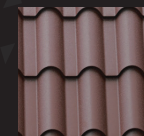
Coffee Brown
Glossy



Slate Grey
Matt



Brick Red
Matt



Coffee Brown
Matt

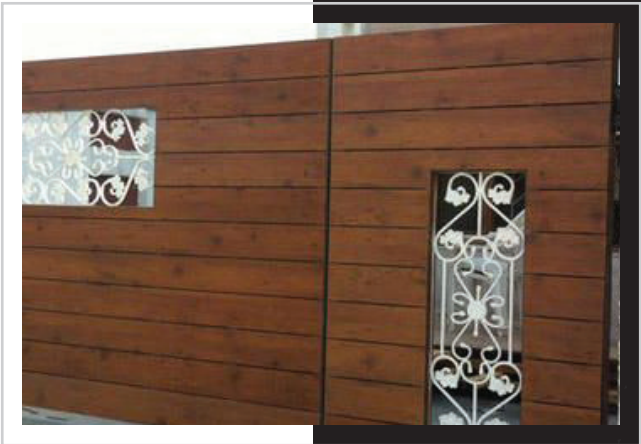


HPL PANELS & PLANKS



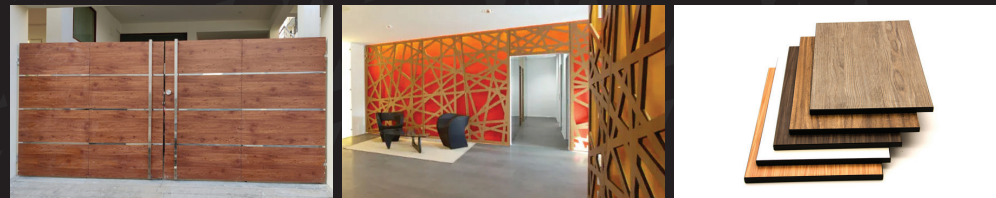
HPL PANELS

HIGH PRESSURE LAMINATE, is the direct descendent of original plastic laminate. It is considered to be one of the most durable decorative surface materials & is available with special performance properties including Chemical, Fire & wear resistance. Due to its durability, HPL are common choice for horizontal & vertical surfaces and can stand up to rigorous demands for high traffic settings such as Hospitals, Shopping Malls etc.



HPL PLANKS

High pressure laminates are manufactured using modified phenol formaldehyde resin with a special molecular ratio to impart strong bonding in the laminates. The use of the state of the art high pressure laminate press gives the product increased dimensional stability. In addition, our Swiss make sanding machine ensures uniformity and a well sanded surface for better adherence of the adhesive and more efficient use of glue.





APPLICATION OF HPL

» Elevation facade cladding » Balcony casing » Fencing » Partitions » Railings » Louvers » Pedestrian shelters » Roofing
Soffits » Prefab huts » Gate » Attic application » Sport facilities » Open air swimming pool » Ceiling » Bathroom - wet
cladding » Metro & sky train station » Flooring » Wall paneling / Lift lobby cladding » Business entry portals

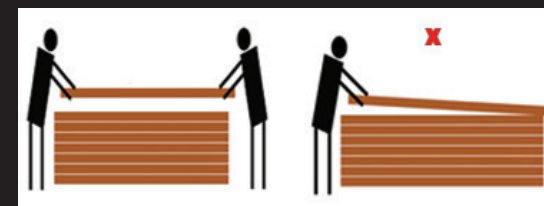
STORAGE SYSTEMS

» Use pallets » Store in dry space » Use cover to avoid excess humidity and heat » Store flat to avoid bending or bowing of sheet



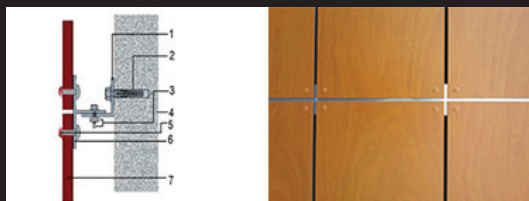
HANDLING

Lift each sheet separately
Compressed air machine can be used



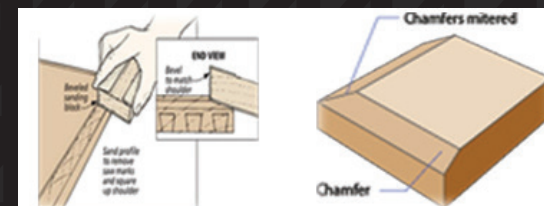
INSTALLATION DETAILS

» Aluminium "L" section, 50 x 70 x 1.6 mm » Heavy duty screw » Normal screw and nut » Plastered wall
» Coloured Rivet » Aluminium "T" section, 70 x 50 x 1.6 mm » High pressure laminate



EDGE FINISHING

» Edge of compact panel can be machined for special requirement
» Square cutting, chamfering & bevelling are advisable



AVAILABLE SHADES



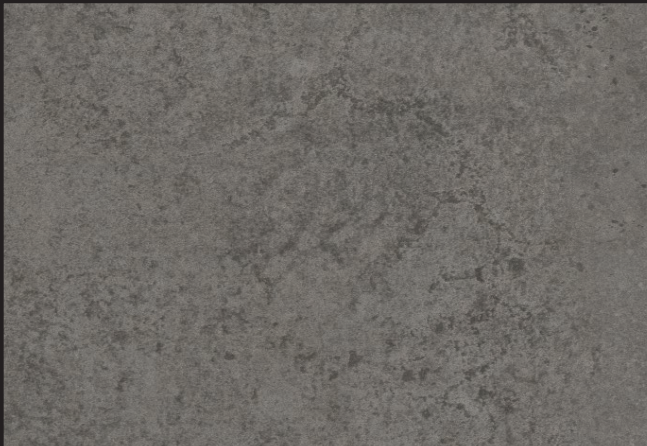
Tyrol Pine



Wild Pear



Rustico



Paradox Grey



Valencia Teak



Sierra Marble

USAGE



Flooring



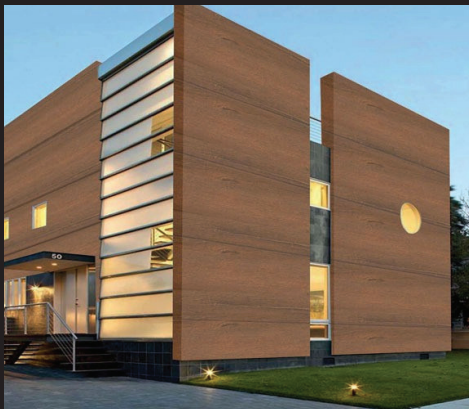
Wall Clading



HPL Gate



HPL Gate



Commercial Buildings



Hospitals



HPL Gate



Toilet Partition

LIQUID RUBBER

A worker in a blue jacket, yellow and black pants, and yellow gloves is applying a dark blue liquid rubber coating to a concrete surface using a long-handled roller. The worker is standing on a light grey concrete area, and the dark blue liquid rubber is being spread across a larger area. The text "LIQUID RUBBER" is overlaid in large, white, bold letters across the center of the image.

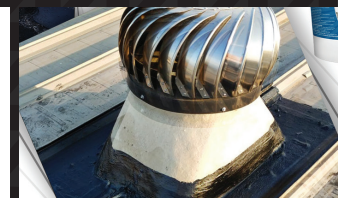
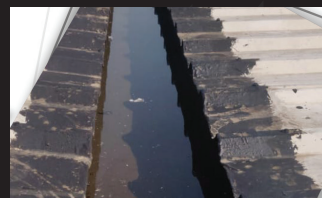


ELEPHANT SHIELD LIQUID RUBBER

Revolutionary product Liquid Rubber allow freedom to think beyond limit of WATERPROOFING, CORROSION CONTROL & CHEMICAL PROTECTION challenges in architecture design and industrial processes needs in true sense

- » Stretch Ability of over 950% with 95% Recovery
- » Easy Application
- » 20 Year + UV Stable
- » Apply Directly on almost any surface
- » Compatible with 200+ Inorganic Chemicals 1000 Hr Salt Fog Corrosion Passed
- » Non-toxic, Odour Less, V.O.C Free
- » Any application in Waterproofing, Corrosion control and Chemical Protection
- » Eco-friendly, Water Based
- » High Impact and Puncture Resistance
- » Comfortable With standing Water
- » Unmatched performance in India market

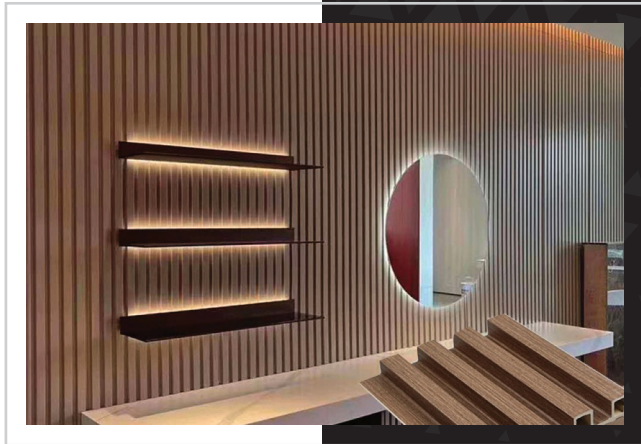
Available Quantity : 1 Ltr, 5 Ltr, 10 Ltr, 20 Ltr





DECKOWALL

BEAUTIFIES YOUR WALL



Dyke



Bulwark



Wanscot

DECKOWALL

Deckowall Decorative Wall Panel is made of Wood, Plastic and Additive, which is 100% non-toxic, non-formaldehyde, environmental friendly. Deckowall is a new construction and decoration material, Because the products contain wood powder and plastic. Deckowall products gather the advantage like natural wood grain surface treatment

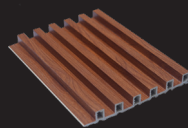
DECKOWALL - DYKE

Length : 2900 mm, Width : 170 mm, Thickness : 18 mm

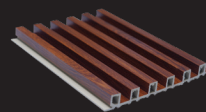


Section Picture

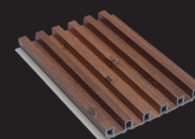
Colours



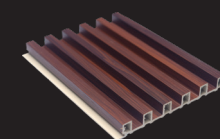
Golden FIR



Phoebe



Pine Wood

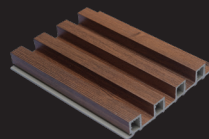


Reddish Brown FIR

DECKOWALL - BULWARK

Length : 2900 mm, Width : 160 mm, Thickness : 24 mm

Colours



Pine Wood



Section Picture

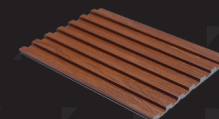
DECKOWALL - WANSOT

Length : 2900 mm, Width : 151 mm, Thickness : 8 mm

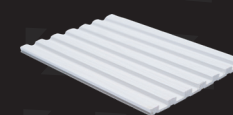
Colours



Section Picture



Golden FIR



Silver Oak

Advantages and Features



Water Proof



Durable



Termite Proof



Maintenance Free



Anti Carnivore



UV Resistant



Light Weight



Easy to Install



Erosion Proof



Fire Protect



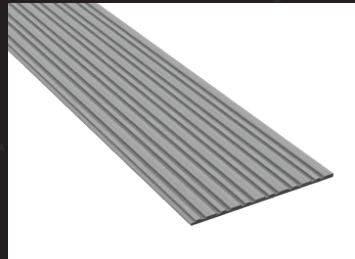
No Insect



Economical

A modern interior space featuring a wall and floor made of dark, vertical fibre cement planks. The wall is illuminated by two cylindrical wall sconces. In the background, a white vanity with a mirror and two pendant lights is visible. A long, low, curved bench made of the same planks sits on the floor. The floor is also made of the same planks, creating a seamless look. The lighting is warm and ambient.

FIBRE CEMENT PLANKS



True Color Decorative Plank
30 cm x 300 cm x 0.8 cm



Decorative Plank
60 cm x 240 cm x 0.8 cm



FASTER
CONSTRUCTION



NEAT
CONSTRUCTION



MORE
ECONOMICAL



WATER
PROOF



SOUND
INSULATION



FIRE
RESISTANT



NO
FORMALDEHYDE



100%
ASBESTOS FREE



BORER AND
TERMITE PROOF



WEATHER
RESISTANT




LOW
SHRINKAGE



GREATER
STIFFNESS



Specifications
15 cm x 300 cm
Thickness 8 mm



PUFF PANELS AND SHEETS

Panel sheets specifications

| | |
|-----------------------------|----------------------|
| ■ Polyester primer | 5 micron |
| ■ Polyester finish paint | 18 micron |
| ■ Back-coat | 5 micron |
| ■ Resistance to saline mist | ≥500 h (ECCA T8) |
| ■ Resistance to moisture | ≥1000 h (ASTM D2247) |

Panels foam specifications

| | |
|------------------------|-------------------------|
| ■ Average density | 40 ± 2kg/m ³ |
| ■ Thermal conductivity | 0.024-0.03 W/m°C |
| ■ Temperature range | -40 + 80°C |
| ■ Free from CFC | |
| ■ Type of foam | B2, B3 & PIR |

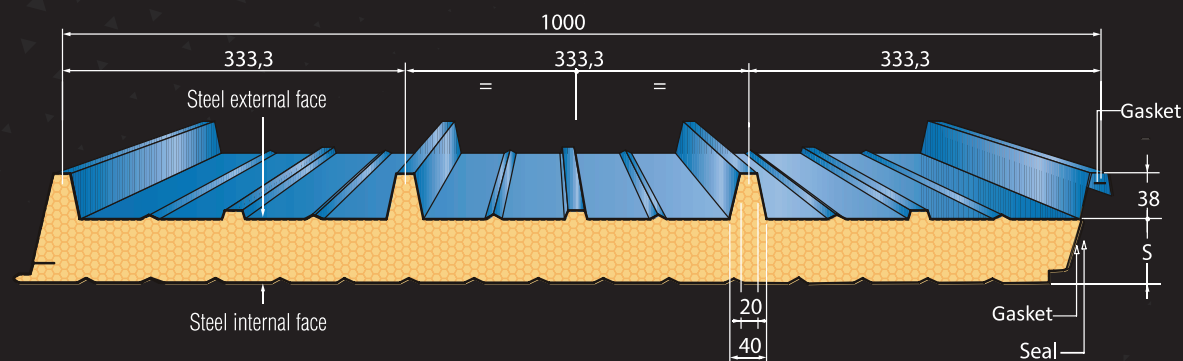
Panel sheets specifications

| | |
|-----------------------------|----------------------|
| ■ Polyester primer | 5 micron |
| ■ Polyester finish paint | 18 micron |
| ■ Back-coat | 5 micron |
| ■ Resistance to saline mist | ≥500 h (ECCA T8) |
| ■ Resistance to moisture | ≥1000 h (ASTM D2247) |

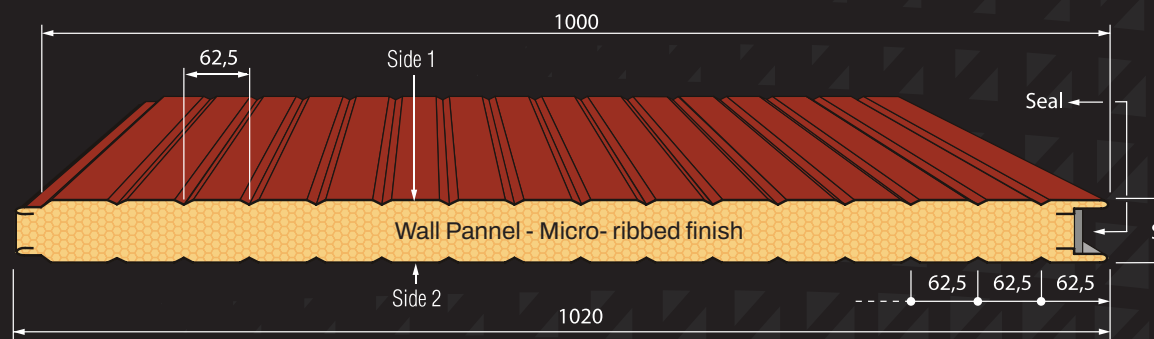
Panels foam specifications

| | |
|------------------------|-------------------------|
| ■ Average density | 40 ± 2kg/m ³ |
| ■ Thermal conductivity | 0.024-0.03 W/m°C |
| ■ Temperature range | -40 + 80°C |
| ■ Free from CFC | |
| ■ Type of foam | B2, B3 & PIR |

ROOFING



WALL PANNEL



A photograph of a cable tray system made of XLPE (cross-linked polyethylene) material. The trays are arranged in a grid pattern, supported by metal brackets. The trays have a textured, metallic appearance. The text "XLPE" is overlaid in the center.

XLPE

HYBRID INSULATION COMPOSITION

UNIQUE



Nominal Thickness (mm): 8
Hybrid Layer : ABF+XLPE
Pure Aluminum Foil
Lamination: Both Side
Bubble Size (mm): 4 x 10
Roll Size (Mtrs) : 1.25 x 30

ULTRA



Nominal Thickness (mm): 15
Hybrid Layer : ABF+XLPE+ABF
Pure Aluminum Foil
Lamination: Both Side
Bubble Size (mm): 4 x 10
Roll Size (Mtrs) : 1.25 x 30



XLPE INSTALLATION METHOD



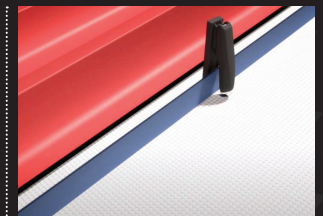
01. Unroll the insulation sheet, from bridge to eve (i.e. from the highest point to the lower.) Stretch and fix the insulation sheet with drilling screws.



02. Place the metal sheet on top of the insulation sheet and fix with metal screws



03. On placing the next sheet parallel to the first, making the side overlap and staple the edges together.



04. In case of installation in a pre-existing metal structure; stretch the insulation sheet as wide as the purlin spacing, just below the roof sheet and fixate with GI wire



| Thickness (mm) | Width (mtr) | Length (mtr) | Total SQM |
|----------------|-------------|--------------|-----------|
| 3 | 1.2 | 100 | 120 |
| 4 | | | |
| 5 | | 80 | 96 |
| 8 | | 70 | 84 |
| 12 | | 50 | 60 |
| 6 | 1.13 | 45 | 54 |
| 9 | | 30 | 36 |
| 13 | | 30 | 36 |

| Thickness (mm) | Width (mtr) | Length (mtr) | Total SQM |
|----------------|-------------|--------------|-----------|
| 15 | 1.2 | 25 | 30 |
| 19 | | 20 | 24 |
| 25 | | 16 | 19.2 |
| 30 | | 2 | 2.4 |
| 32 | | | |
| 40 | | | |
| 45 | 1.2 | 2 | 2.4 |
| 50 | | | |

PARÉ





Based out of India, PARÉ Innovations has been an ardent and inventive front-runner of India's advancing Interior designing industry. With a varied range of both contemporary and classic designs of ArtStone collection of PARÉ Panels, we cater to the tastes of modern Indian homes, architects, interior designers and stylists. In addition to our opulent decorative panels, we are now introducing our pre-eminent range of Soffit to the Indian market for the very first time. Available in a wide and unrivalled range of wooden shades as well as mo-no-colour shades, PARÉ Soffit is here to meet the demands of India's evolving architectural aesthetic while combining Innovation with functionality.



Real wood Feel



Waterproof



Fire-retardant



Anti-bacterial



Maintenance free



No VOC
Emission



Easy to
Install



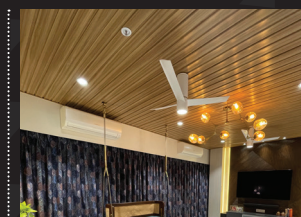
Seamless post
Installation



Termite Proof
& Rust proof



Light weight



• Aesthetic Looks • Interlocking Panels • Reasonable Choice • Anti Bacterial • Maintenance Free • Long Life • Large Size
Superior Technology • Crucial Air Floe • Enhance your beauty







LAZERLITE

Redefining Architecture

For more details :

LAZERLITE EXPERIENCE CENTRE

2054/ A, A1 Skylite Arcade, Convent Bus Stop, NH Bypass, Palarivattom, Ernakulam 682 025,

Web: www.lazerlite.in Email: sales@lazerlite.in