

www.wpcwindoor.com

Save Nature use WPC



WPC & PVC
PLY BOARD

WPC
FRAMES

WPC
WINDOW

WPC
DOOR

WPC
DECKING

The Charm of Wood without using it!



PVC & WPC PLY BOARD

Wood-plastic composite (WPC)

are composite materials made of wood fiber/wood flour and thermoplastic(s) such as PE, PP, PVC, or PLA.

In addition to wood fiber and plastic, WPC can also contain other ligno-cellulosic and/or inorganic filler materials. WPC are a subset of a larger category of materials called natural fiber plastic composites (NFPC), which may contain no cellulose-based fiber fillers such as pulp fibers, peanut hulls, bamboo, straw, digestate, etc.

WPC boards are very safe to use and durable, across the world WPC boards are using at homes, commercial complex, entrepreneurs and many more. It is also used for railings, landscaping timbers, fences, cladding etc. One of the main advantages of WPC boards is less maintenance and environmental friendly.

PVC BOARDS

PVC's abrasion resistance, light weight, good mechanical strength and toughness are key technical advantages for its use in building and construction applications. PVC can be cut, shaped, welded and joined easily in a variety of styles. Its light weight reduces manual handling difficulties.

WPC

We're offering you
Toughest Board
in Market



Water Proof



Fire Retardant



Long Life



Stronger



Termite Proof



Eco Friendly



Ideal Density



Recyclable



Carpenter Friendly

Never before Ply Density and Surface!

SKYBIRD PVC / WPC highest density & smoothest surface in its range. Which change your vision about PVC / WPC boards. We guarantee you hardest board with good screw holding capacity. Which can reflects in your valuable creations.

Mechanical Property of WPC

Project	Index
Apparent density	500-700 (kg/m³)
Surface hardness	55-80 (D)
Water absorption	≤ 1%
Tensile strength	≥ 12 Mpa
Free beam impact strength	≥ 14 (kg/m³)
Elongation at break	≥ 12%
Heating size variance ratio	≥ 75° C
Vicat softening strength	± 2%
Bending strength	≥ 22 Mpa
Modulus of elasticity in bending	≥ 650 Mpa
Screw holding capacity	≥ 850 N

Colour Range Ready to Production WPC / PVC Ply Board



White



Camel Brown



Mocha Brown



Grey



Peach



Spring Green



Royal Blue



Sky blue



Royal Blue



Beige



Yellow



Spring Green

*Custom colours available on demand with MOQ



Range of Boards

We've Separated Boards in 3 categories
as per its density & weight

Skybird™
PRIME

Higher Density

Skybird™
SUPER

High Density

Skybird™
STANDARD

Good Density

Available in Below **SIZES**

8 ft Length x 4 ft Width

10 ft Length x 4 ft Width

12 ft Length x 4 ft Width

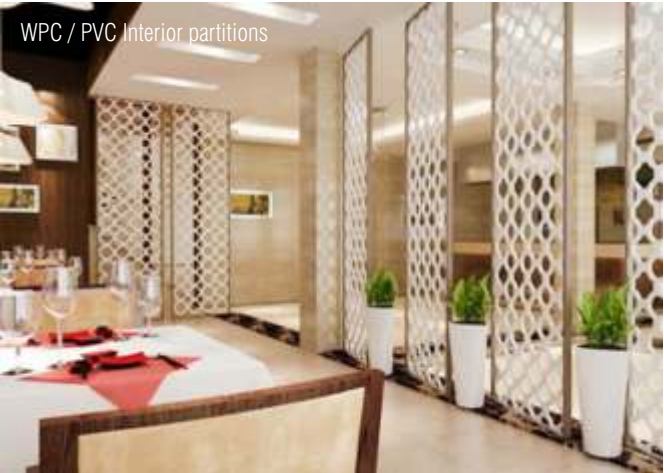
*Custom size available on demand with MOQ

Performance comparison of WPC • Wood • Veneer • MDF

Performance	WPC	WOOD	VENEER	MDF
Surface density (g/cm³)	0.5 - 0.75	0.5 - 0.75	0.8 - 0.9	0.8 - 0.9
Elasticity ration (kg/m²)	1580	930	1170	1100
Water absorption	1%	2.5%	5%	10%
Service life (Year)	40-50	15-20	20-25	5-10
Recyclable	Yes	No	No	No
Pro-Environment	Yes	No	No	No



PVC



PVC foam board is an environment friendly product. which is light weight, fire retardant & no formaldehyde. It has characteristics of sound insulation, anti-deformation, waterproof, & thermal insulation etc. It has no crack, wrap, color my cophenolate etc. It is an ideal replacement for timber, aluminium, veneer, MDF & even steel panel.

It can be processed by means of nailing, boring, plane, chiseling, riveting, sticking etc. it can be printed, laminated, transfer printed, embossed etc.

It can be widely used in advertisement material, exhibition board, billboard, kitchen, bathroom, indoor & outdoor decoration, construction decoration, furniture shutter, building templates & decoration in vehicle, plane, ship, container etc.

Mechanical Property of PVC

Project	Index
Apparent density	500-700 (kg/m³)
Surface hardness	55-80 (D)
Water absorption	≤1%
Tensile strength	≥12 Mpa
Free beam impact strength	≥ 14 (kg/m³)
Bending strength	≥ 22 Mpa
Modulus of elasticity in bending	≥ 650 Mpa
Screw holding capacity	≥ 850 N

SUPERIOR QUALITY

Passed through every micro quality checking process for giving best possible product.

WHY SKYBIRD ?

INNOVATIVE TEAM

Our creative team keep working on innovations & that is why we are standing differently in market.

EXPERT IN CUSTOMIZATION

We are working on never say no to the customer Policy, We always ready for Customization.



WPC Window & Door Frame Profiles



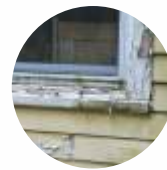
100% Water proof



100% Water Proof



Fire Retardant



No Decay



Termite Proof



Eco Friendly



Long Life



Carpenter Friendly



Rain & Storm Proof



Stronger

SKYBIRD brings to you a range of gorgeous looking WPC window designs that will transform your home and protect you from the world outside by insulating against noise, dust, rain, pollution and rising energy costs. Our innovative window solutions span across designs ranging from sliders to casements bays tilt-and-turns villa until combination windows. You can select any of these designs and customize them according to the interiors of your home. Come, explore our world of WPC windows, install them in your home and feel the difference .



Window
Installation
Method



DURABLE AND HIGH DENSITY WPC SOLID DOOR FRAMES

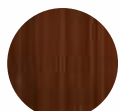
Colour &
Finish



Natural Wood



Teak Wood



Walnut Brown



White

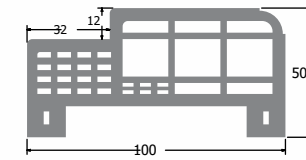


Camel Brown

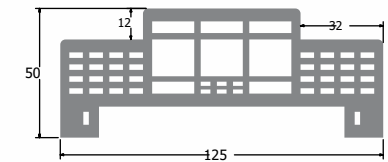


Mocha Brown

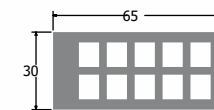
WPC Single Rebate Door & Window Frame



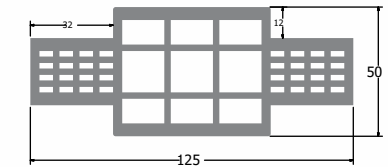
WPC Double Rebate Door & Window Frame



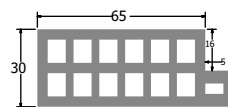
WPC Plain Window Profile



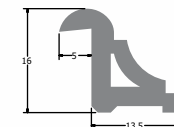
WPC Four Rebate Window Frame



WPC Offset Window Profile



WPC Glass Fixing Strip

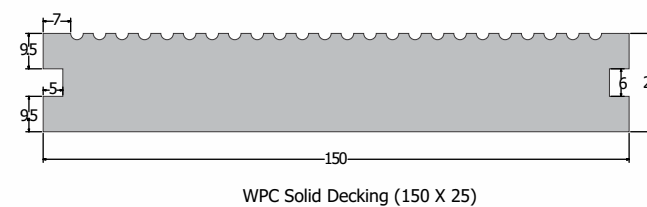




WPC Floor Decking Profiles & Tile

Our WPC Decking Tiles will be the quick and simple solutions if you want to transform your balconies or rooftops. We provide a range of WPC Decking Tiles with a series of color and wood grain for selection. The product standard size is 12"x12" (300x300mm), the versatility is strong. The installation is also very easy, as long as it's on the flat surface, simple steps can complete the outdoor floor laying, no need to use other tools.

Same as our other products, WPC Decking Tiles are made of the environmentally friendly material which has the same advantages of real wood but is more suitable for outdoor use than wood. It is not easy to deformation, low maintenance, long time use, no grinding, dyeing and painting, no mold rot and termites, is widely loved by customers. WPC Decking Tiles have a non-slip deck surface that can be used as a non-slip floor next to the swimming pool. With a high strength plastic interlock frame at the bottom to facilitate air circulation and water can be discharged from the bottom.



Mahanttam Decking



Beautifully withstand years of sun, sleet & snow
HIGH-PERFORMANCE TECHNOLOGY



Make good on its promises
25-YEAR LIMITED RESIDENTIAL AND FADE & STAIN WARRANTIES



Clean easily with soap & water
LOW-MAINTENANCE PROPRIETARY SHELL

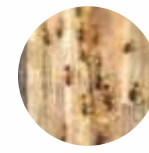


Let forestfuls of trees grow and grow
MADE OF 95% RECYCLED MATERIALS

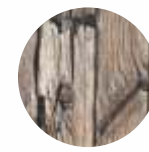
Wood



Fade or stain
UNLIKEWOOD



Become food for termites
UNLIKEWOOD



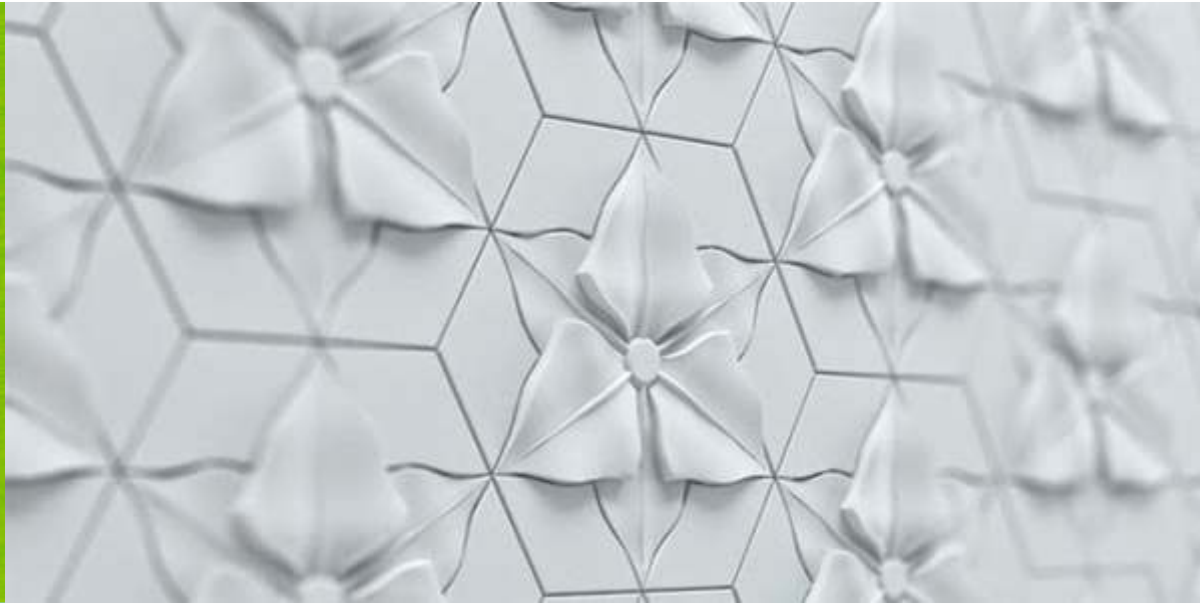
Rot, warp or splinter
UNLIKEWOOD



Need seasonal painting, sealing or staining
UNLIKEWOOD



WPC 3D Wall panels



Easy to Paint



Block Moisture
& Wall cracking



Washable



Easy to fix



100% Water proof



WPC 3D Wall Panels give an extra dimension to your walls and compliment just about any room in the house. Our wall panels are used for Residential & Commercial projects: Hotels, Office lobbies, Retail outlets, Restaurants, Trade show exhibits and more. They make for beautiful and extravagant looking accent walls. No doubt about that!



PARTATION



Outdoor
Bench

Cladding
Panels




Nature is Precious, Take Care of it
& Use WPC / PVC




by following "Swadeshi Movement"
initiated by
honorable prime minister of INDIA
Shree Narendrabhai Modi
We proudly
announce our product
make in INDIA



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Product of

TULSI
AN ISO 9001 - 2008 COMPANY
FIBRE GLASS INDUSTRIES

