

VARDHMAN COMPOSITES INDIA

(Manufactures of WPC & uPVC Profiles)



WPC BOARDS PRODUCT CATALOG



INTRODUCTION

After research & development for protecting "The Earth", Vardhman Composites introduces a unique ECO FRIENDLY product into market which we will save the "Tree" as well as our "PLANET". This product is introduced with the Brand Name of "BVW" in the market. This product is made by the special composition of additives and resins and best part of this products is that it is water proof, flame retardant and anti termite. This product is used very successfully in dry as well as in coastal area.

It is the total substitute of wood & wood products like doors, flooring, decking, cladding, railing, fencing, pergolas, gazebos etc.

Vardhman Composites India, is spread over an area of more than 10,000 sq mts approx, and is equipped with the state of art compression moulding, extrusion lines, U.V printer machine, engraver, room temperature moulding, resin coating, filament winding, pultrusion, dough moulded components, sheet moulded components and vacuum moulding composite profile making machines European & other countries.

Strengths of Vardhman:

- Vast experience and expertise in the field
- Pioneering presence in the composites industry
- One of the oldest and largest companies in India
- Cost innovation and value engineering capabilities
- Strong research and development proficiency
- Comprehensive end-to-end solutions, including in-house designing and tooling facilities
- Strong financial backing

BVW offers a range of high-quality, premium WPC (Wood Polymer Composite) products that serve as complete replacements for wooden products. These products are manufactured using resin systems and special cellulose-based fibers. BVW products exhibit greater durability and longevity compared to conventional wood-based alternatives. BVW is committed to creating an environmental-friendly setup without compromising the needs of architects, designers, clients, and end-users.

VARDHMAN COMPOSITES VISION'S AND MISSION'S

VISION

At Vardhman Composite India, our vision is to revolutionize the construction industry by leading the way in providing cutting-edge wood polymer composite (WPC) solutions. We envision a future where, sustainable, durable and aesthetically pleasing materials redefine the way structures are built, ensuring a harmonious coexistence between human needs and the environment

MISSION

At Vardham Composite India, our mission is to be a trusted provider of high-quality wood polymer composite (WPC) materials, dedicated to transforming the construction industry through sustainable innovation, superior product offerings, and exceptional customer service. We are committed to delivering innovative solutions that blend the best attributes of wood and plastic, enabling the creation of beautiful, durable, and eco-friendly structures.

1
**SUSTAINABLE
EXCELLENCE**

2
**EXCEPTIONAL
PRODUCT
QUALITY**

3
**ARCHITECTURAL
FREEDOM**

4
**CUSTOMER
CENTRIC
APPROACH**

5
**COLLABORATIVE
PARTNERSHIPS**

WPC BOARDS



-BVW BOARD are synonymous to qualities like stability safety and longevity.

-Our BOARD are an excellent amalgamation of technology and design.

-BVW Boards are built with a special composite technology, secret to its fantastic performance.

-BVW BOARD are available as SOLID BOARDS.

**-BVW BOARDS are 100% Water Proof
100% Termite Proof 100% Fire Retardant
In all they have superior quality than traditional wooden doors.**

-BVW BOARDS can be cut, sawed nailed or painted like normal BOARDS.

PRODUCT OVERVIEW

"FEELS LIKE WOOD,
LOOKS LIKE WOOD,
ITS NOT WOOD,
ITS BETTER THAN WOOD"



Save Green Live Green



BVW-Wood Fiber Composite

WFC CHARACTERISTICS COMPARISON WITH WOOD with its patented prescription developed by the team of experts, BVW offers a first-class high quality products in WFC industry with numerous advantages:

Dimension Stability Length and Width

It will not be out of shape after a long testing of 10 years and there is no crack under the test temperature between -40 C to 80 C

Material Safety

- Low flame spread
- High slip resistance
- Excellent thermal properties
- Contains no toxic chemicals or preservatives
- Environmental friendly
- Can be recycled with 100% recyclable
- No sting of wood

High Strength

- Outstanding screw and nail retention
- High impact resistance
- Great Compressive-tensile-shear strength
- Modulus of elasticity : 20% greater than PVC, does not require reinforcement (in most applications)

Good Appearance & Nice Touch

- Natural feel & wood touch
- Broad range of finishes and appearance
- Multicolor, and needn't to painting
- Available for both sides

Install & Maintain Easily

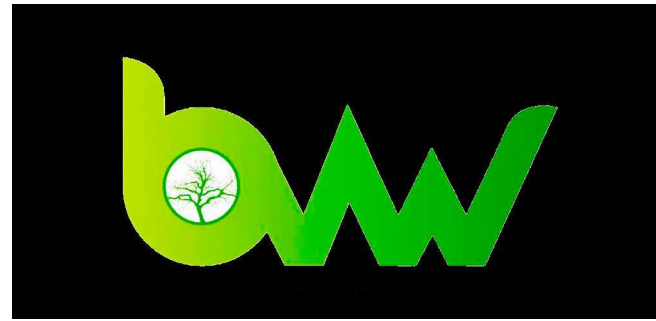
- Easy to produce and easily fabricate
- Easy to cut, fix and glue|
- Easy to plane
- Easy to tenon, drill and nail
- Require less routine maintenance
- No need staining & water Sealant

Material Stability

- Natural feel & wood touch
- Broad range of finishes and appearance
- Multicolor, and needn't to painting
- Available for both sides

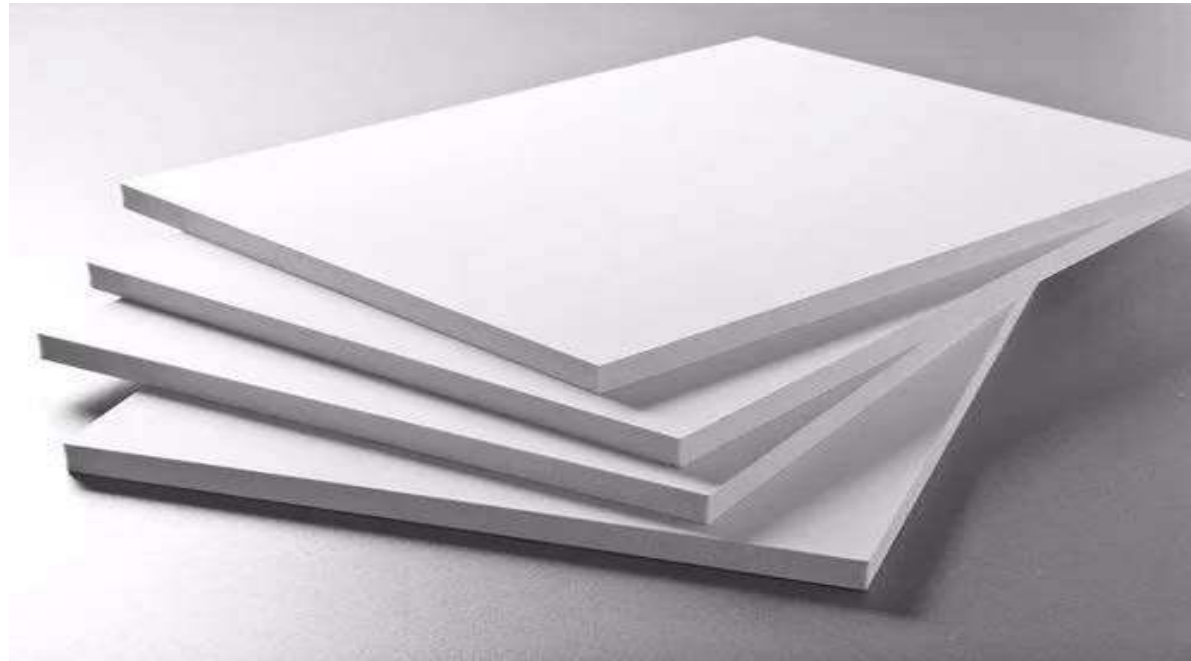
The great advantage properties of our BVW material are as follows:

1. 100% easy recyclable, environmental friendly, saving Forest resources
2. With the perfect look of natural wood but without the problems appeared on timber deckings
3. Resistant to moisture/water, less rotten, proven by 36 hours under salt water condition
4. Barefoot friendly, safe for human touching, anti-slip less cracking and warping
5. Requires no painting, no glue, low cost of clean
- Weather resistant. suitable for both cold or hot climate
8. Available in different colors. easy to install



USES OF WPC BOARD

- Architecture and decoration indoor and outdoor wall plate, ceiling plate, separation plate, kitchen cabinet etc.
- Transportation Inner decoration of airplane, steamship and train etc.
- Advertisement screen printing, Display board, Exhibition board, Art material etc.
- Industry: board for refrigeration storage, environment protection board, corrosion proof project, sea-shore wet proof facility etc.



Board Profile: 5 mm
Dimension: 2100 mm x 900 mm
Standard Length: 2.1 meter
Standard Color: PU / Duco Finish (Any Solid
Surface Finishes: Laminated / Paint / Raw WPC
Density: 650 kg/m³

Board Profile: 8 mm
Dimension: 2100 mm x 900 mm
Standard Length: 2.1 meter
Standard Color: PU / Duco Finish (Any Solid
Surface Finishes: Laminated / Paint / Raw WPC finish
Density : 650 kg/m³
 *

Board Profile: 12mm
Dimension: 2100mm x 900mm
Standard Length: 2.1 meter
Standard Color: PU / Duco Finish (Any Solid
Surface Finishes: Laminated / Paint / Raw WPC
Density: 650kg/m³

Board Profile: 18 mm
Dimension: 2100 mm x 900 mm
Standard Length: 2.1 meter
Standard Color: PU / Duco Finish (Any Solid
Surface Finishes: Laminated / Paint / Raw WPC finish
Density : 650 kg/m³



*All types of WPC Boards can be Painted or Polished and are available in any customized length & Width.
 *Any type of design can be made by CNC machine and are available in factory finish.

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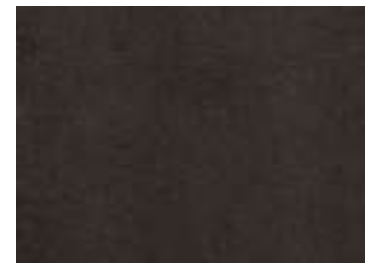


STANDARD COLOR



IVORY

SPECIAL COLOR



BLACK



TEAK



WENGE

*Special Solid Color in Duco /PU finish white, Grey, Black, Dark Brown etc.

*Laminated Finish: Wenge/ Teak

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Vardhman Composites India was awarded as best manufacturer of WPC at a function in TAJ DUBAI in JULY 2022! Vardhman been a pioneer aleternative solution of aluminium and wood in WPC



**Vardhman's COO Mr. Navneet Jain recieved Inspiring Leaders award by Honorable Governor of Haryana
SHRI. BANDARU DATTAREYA**



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