

# VARDHMAN COMPOSITES INDIA

(Manufactures of WPC & uPVC Profiles)



## WPC JALI 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**

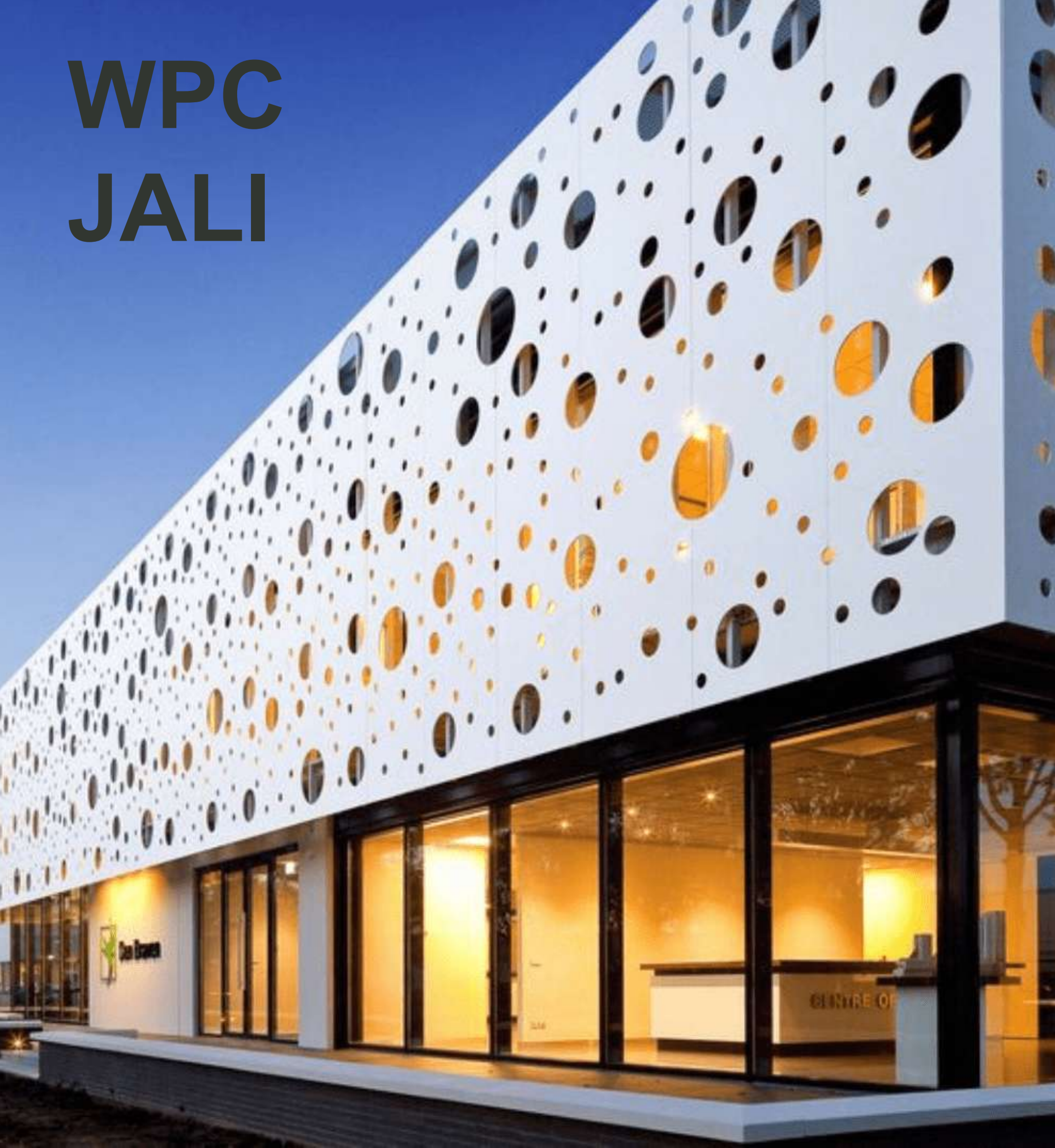
2  
**EXCEPTIONAL  
PRODUCT  
QUALITY**

3  
**ARCHITECTURAL  
FREEDOM**

4  
**CUSTOMER  
CENTRIC  
APPROACH**

5  
**COLLABORATIVE  
PARTNERSHIPS**

# WPC JALI



**-BVW JALI synonymous to qualities like stability safety and longevity.**

**-Our JALI s are an excellent amalgamation of technology and design.**

**-BVW Jali's can be use for interior decoration & exterior also.**

**-BVW Jali s are 100 Water Proof 100 Termite Proof F ire Retardant In all they have superior quality than traditional wooden JALI.**

**-BVW Jali's can be cut, sawed nailed or painted like normal Jali's.**

# 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



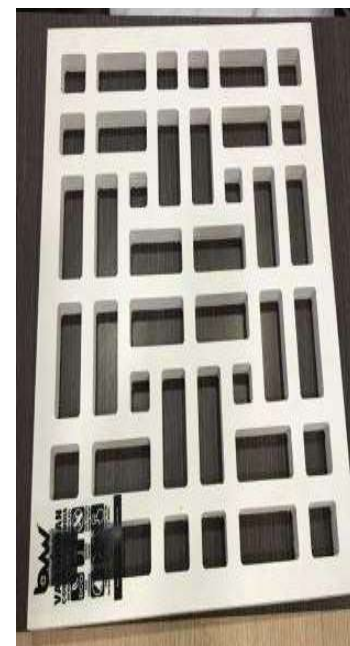
CNC Jali Profile : 12 mm to 35 mm  
 Dimension: Customized  
 Standard Length :2.4 meter  
 Standard Color : White, Ivory  
 Density: 600 650 kg/m<sup>3</sup>



BVW 0001



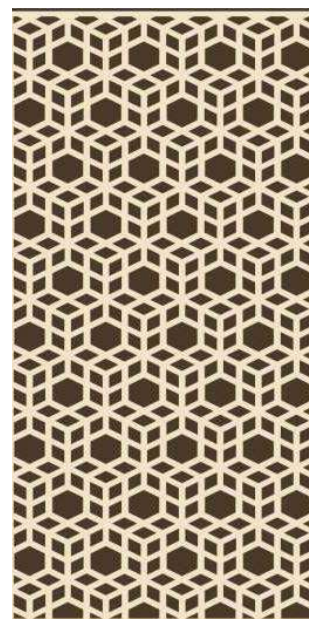
BVW 0002



BVW 0003



BVW 0004



BVW 0005



BVW 0006



BVW 0007



BVW 0008



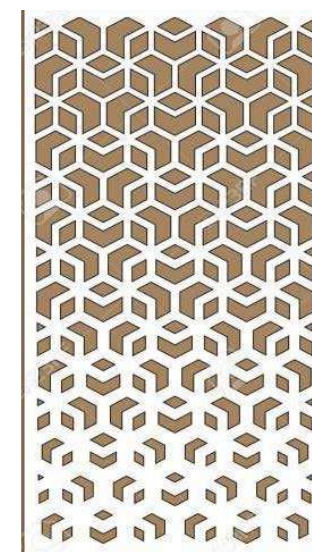
BVW 0009



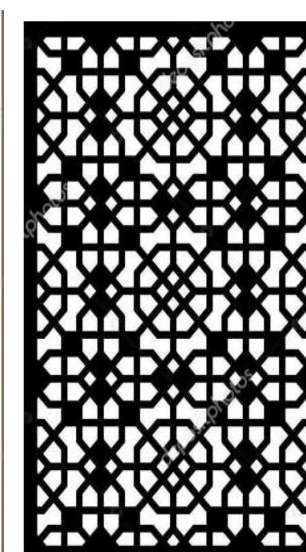
BVW 0010



BVW 0011



BVW 0012



BVW 0013



BVW 0014



BVW 0015

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

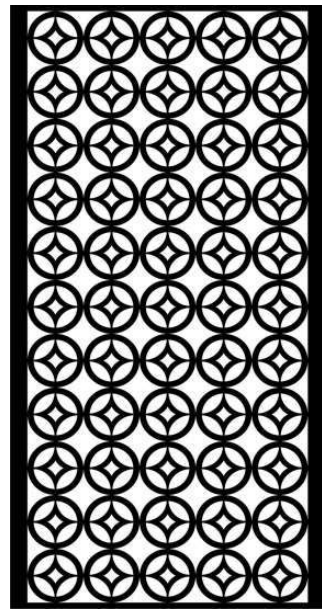
“FEELS LIKE WOOD, LOOKS LIKE WOOD, ITS NOT WOOD, ITS BETTER THAN WOOD “



BVW 0016



BVW 0017



BVW 0018



BVW 0019



BVW 0028



BVW 0029



BVW 0030



BVW 0020



BVW 0021



BVW 0022



BVW 0023



BVW 0024



BVW 0025



BVW 0026

#### STANDARD COLOR



IVORY

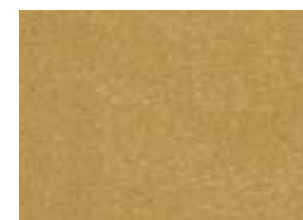


WHITE

#### SPECIAL COLOR



BLACK



TEAK



BEACH WHITE



RED

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

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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 alu-minium and wood in WPC**



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



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HARYANA, INDIA'**

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