

VARDHMAN COMPOSITES INDIA

(Manufactures of WPC & uPVC Profiles)



WPC CLADDING 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 CLADDING



-Have you considered a maintenance free CLADDING?

At BVW CLADDING we have produced our very own 100% maintenance free BVW WPC Composite CLADDING. WPC CLADDING has an elegant wood structure that resembles normal wood and makes the CLADDING fit perfectly into both residential streets and in business contexts. Similar to natural wood appearance. Available in painted finish. Quick installation. Strong and durable Resistant to all weather conditions.

-Similar to natural wood appearance.

-Available in painted finish.

-Quick installation.

-Strong and durable.

-Resistant to all weather conditions.



BVW Cladding by Vardhman Composites is the future of sustainable timber Facades They are a combination of ground breaking sustainable design STATE OF ART PRODUCTION. Produced in India by Vardhman Composites in the advanced 4,000 Sq ft production plant BVW. Cladding panels are composite Facades made of 40% natural timber and 60% recycled polymer. The BVW Cladding panels are designed to look like natural timber but need zero maintenance.

BVW Vardhman composite cladding system provides all the low maintenance, long lasting and environmental benefits of composite in a smart cladding solution. With BVW , cladding can now be easily installed even at great heights through the smart engineered clip strip. Now you can enjoy the look, function and lifestyle benefits of VARDHMAN COMPOSITES for your siding and cladding project.

BVW panels are unique in both design and INSTALLATION TECHNIQUE. BVW panels are advanced 2nd generation co-extruded wood composite cladding with an hybrid polymer capping surface layer, which provides a unique colour variation like natural timber and also perform in harsh outdoor conditions. The installation is using a custom clip strip which allows a fast and sterdy installation.

Panel size 163 mm x 20 mm x 2400 mm
For projects, custom lengths are also possible



Profile Code : BVW FLUTE PANEL
Dimension : 219 mm x 25 mm
Standard Length : 2.4 mtr/ 8
Standard Color : Wenge, Walnut
Surface Finishes : Brushing
Special Color: Ash Grey, Omber, Chocolate, Auburn



Profile Code : BVW CLADDING PANEL
Dimension : 218mm x 25mm
Standard Length : 2.4 mtr/8'
Standard Color : Wenge, Walnut
Surface Finishes : Sanding, Brushing, Wooden Effect
Special Color: Ash Grey, Omber, Chocolate, Auburn



Profile Code : BVW WALL PANEL
Dimension : 163mm x 20mm
Standard Length : 2.4 mtr/8'
Standard Color : Ash Grey, Omber, Chocolate, Auburn etc.

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



COLORS AVAILABLE



ACCESSORIES



CLAMP

L SHAPE END CAP

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

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FACADE
CLADDING PANEL



FACADE
CLADDING PANEL



219mm X 25mm X 2400mm



Ash Grey



218mm X 25mm X 2400mm



Ash Grey



American Walnut



Auburn



Honey



Caramel



Omber



Chocolate



Omber



Chocolate



Caramel



Auburn



American walnut



Honey



BVW WALL PANEL

INSTALLATION SYSTEM EXPLANATION



163mm X 20mm X 2400mm



Auburn



Omber



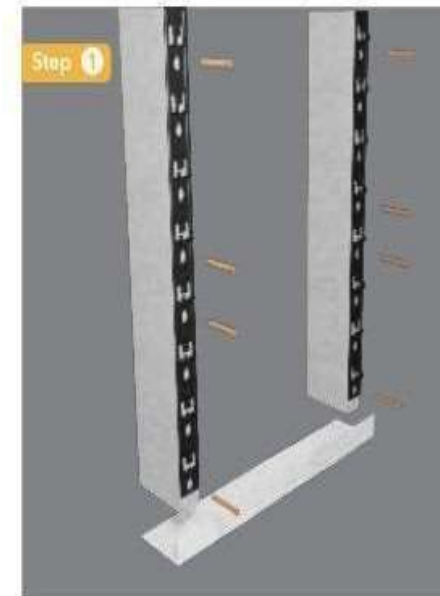
Caramel



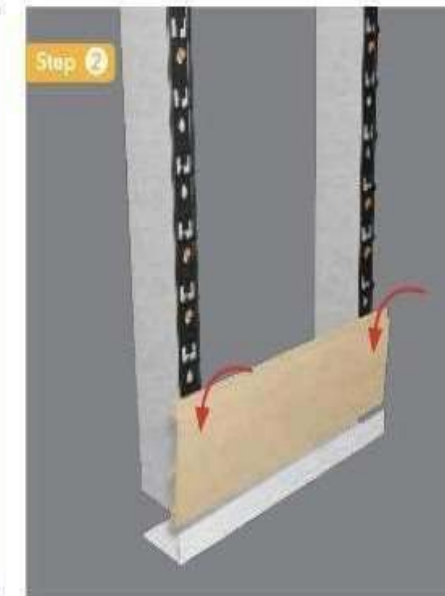
Honey



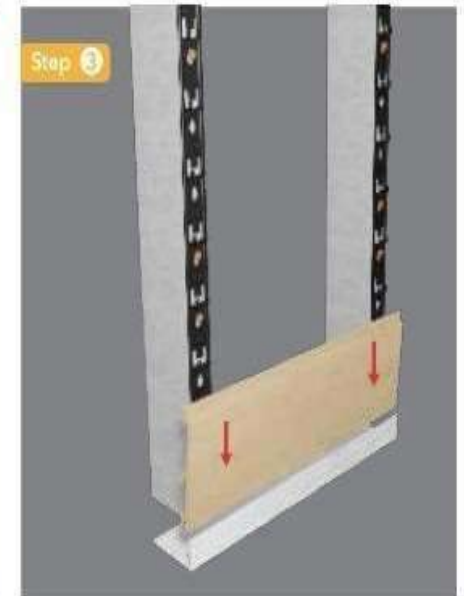
Espresso



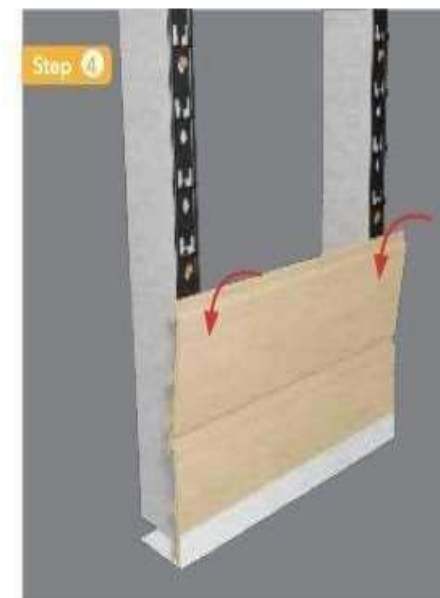
Fasten the cladding clip to the substructure using an appropriate fastening system. Ensure vertical and horizontal alignment.



Once clips are securely fastened, install the boards from the bottom up. Insert each board at a slight angle to engage the feet of the board with the ledge of the clip.



With the feet in place, apply downward pressure to click the board into place.



Install the next board using the same process as in step 2 but engage both the clip ledge and the tongue of the previous board.



Once the board is in place and appropriately aligned press downward until the board is clicked into place.



Install trim where required to finish.



BOTH HORIZONTAL AND VERTICAL INSTALLATIONS are possible
BVW is conveniently versatile. The same components and approach are employed for the installation of boards in vertical, horizontal or even diagonal laying patterns.

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



AZURE

The Azure cladding panels by Vardhman is the future of sustainable timber facades. They are a combination of ground breaking sustainable design & state of the art production.

Produced in India by Vardhman in the advanced 1,00,00 Sq ft production plant, Azure panels are our new variation in the already popular and market leading Cascade Panels. Azure Façade Panel is made of 60% natural timber and 40% recycled polymer. The panel's construction is a wood plastic composite (WPC) core encased by a hybrid high performance polymer capping.

The Azure panels are designed to look like natural timber but need zero maintenance.

‘Elegant and Beautiful’



Profile shown: Azure Panel



Azure Facade profiles are available in 6 more wonderful colors



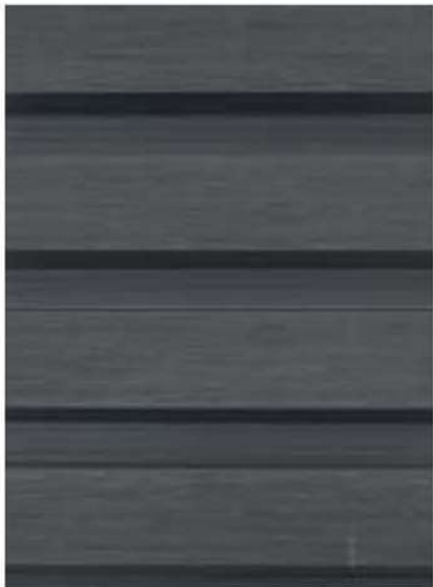
Caramel



Omber



Clarion



Ash Grey



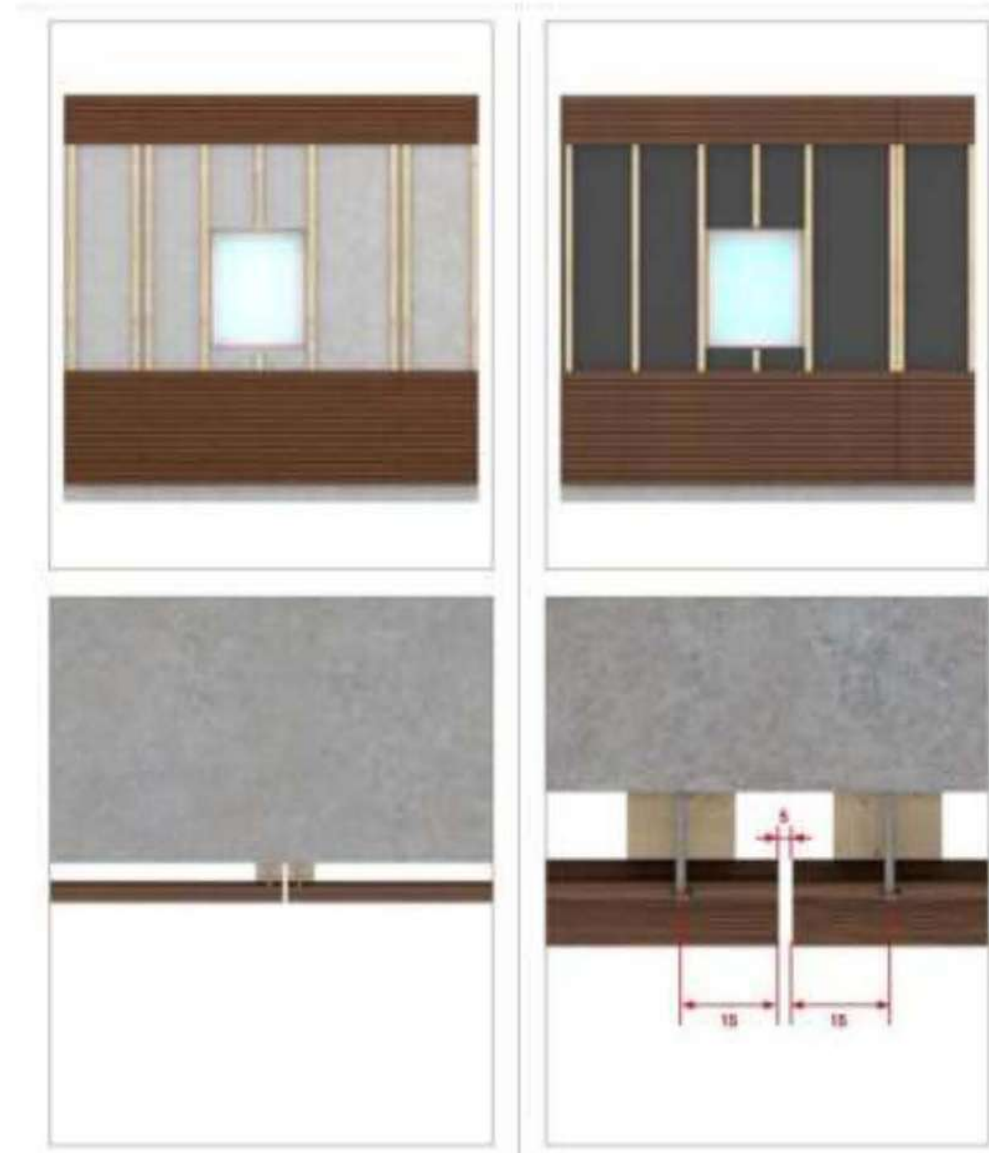
American walnut



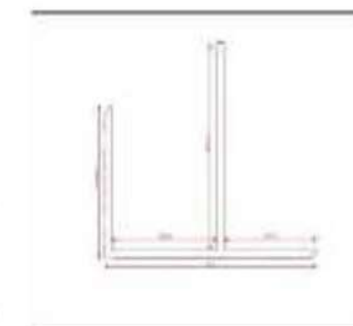
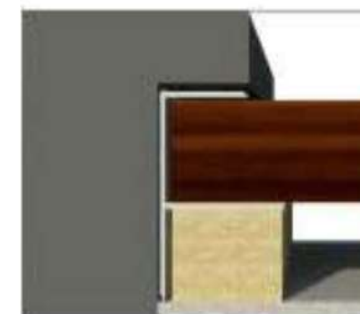
Honey

Size of panel : 213mm x24mm x2400mm
 Area Per panel : 5.50 Sq ft
 Area per pack : 22.01 Sqft
 Pcs per pack : 4Pcs

Installation Procedure



Finishing Profiles

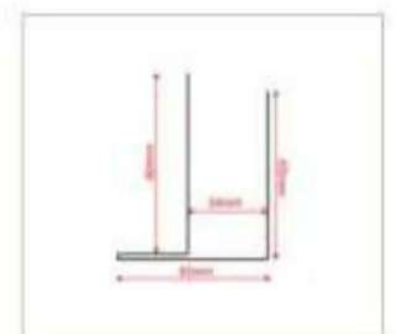


Finishing Profile

This profile is used to cover start and ends of the cladding areas. All profiles are available in solid and wood decors

External Corner

This profile is used to cover outside corners. All profiles are available in solid and wood decors





IMPERIAL

INTRODUCING the new multi level IMPERIAL cladding panels by Vardhman is the future of sustainable timber facades. They are a combination of ground breaking sustainable design & state of the art production.

Produced in India by Vardhman Composites India in the advanced 10,000 Sq ft production plant, IMPERIAL is made of 60% natural timber and 40% recycled polymer. The panel's construction is a wood plastic composite (WPC) core encased by a hybrid high performance polymer capping.

The IMPERIAL panels are designed to look like natural timber but need zero maintenance.

**First time ever in wpc
Multi Level Louvers**



Profile shown: Imperial Chocolate



Imperial profiles are available in 3 exciting colours currently

Installation Procedure



Caramel

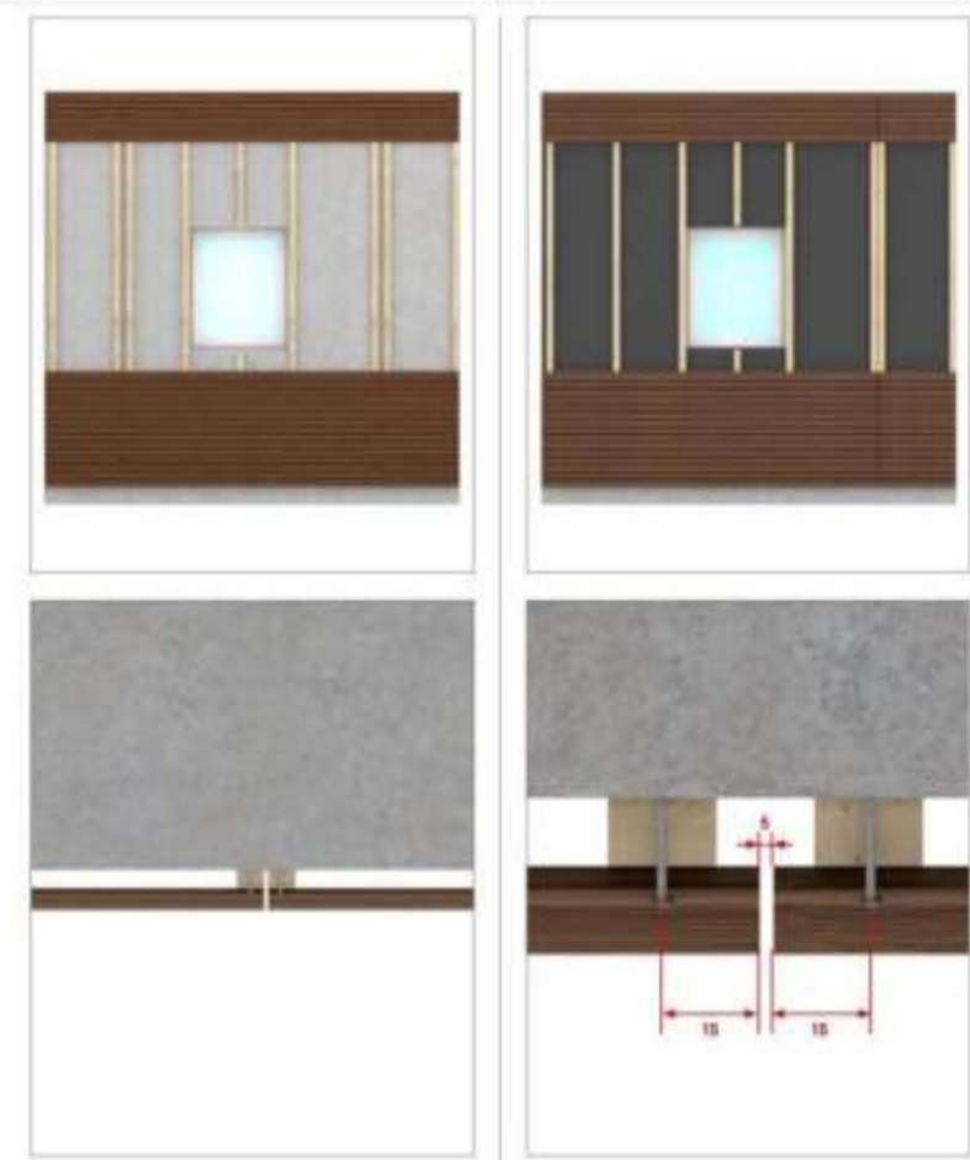


Honey

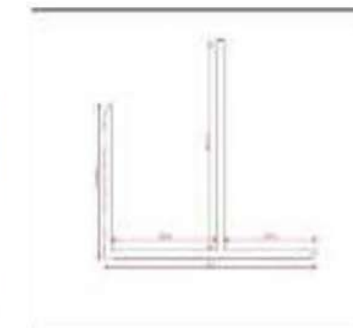
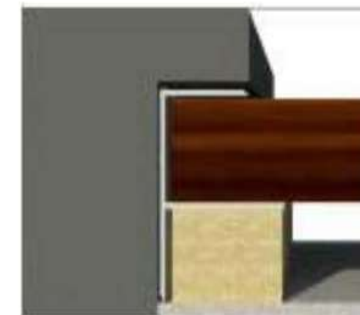


Ash Grey

Size of panel : 213mm x 50mm x 2400mm
 Area Per panel : 5.50 Sq ft
 Area per pack : 22.01 Sqft
 Pcs per pack : 4Pcs



Finishing Profiles

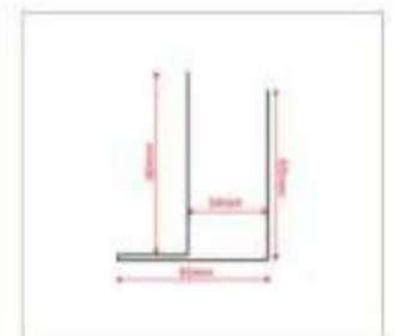


Finishing Profile

This profile is used to cover start and ends of the cladding areas. All profiles are available in solid and wood decors

External Corner

This profile is used to cover outside corners. All profiles are available in solid and wood decors





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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