

**MANUFACTURERS
OF PVC/WPC PLY**

A PRODUCT OF ATLANTIC POLYMERS PVT. LTD.



A STEP TOWARDS GREEN REVOLUTION

FixoBoard is not just a brand; it's an initiative, a promise towards Green Revolution. With the growing concern of deforestation caused due to illegal logging of trees for the use of plywood, our world ecosystem is under danger. Logging of trees accounts to the 14% of total cause of deforestation. It's time to stop this & to replace it with a suitable pro-earth alternative i.e FixoBoard PVC/WPC ply.

FixoBoard PVC/WPC ply is 100% environment friendly with various added features which is the most suitable substitute of WOOD/MDF/FIBRE BOARD/PARTICLE BOARD. FixoBoard will meet the global need of today without compromising the future.

Let's take an initiative to "GO GREEN WITH FIXOBOARD" and make this world a better place to live in.



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ATLANTIC POLYMERS PVT. LTD is a renowned name in the PVC industry in existence from three decades. We are one of the largest producers of various PVC products in India, having listed in the LIMCA BOOKS OF INDIAN RECORDS for its innovation and achievement.

Adding to our dominance, we are also one of the key players in indenting and selling various types of polymer, sourcing from all the major petrochemicals companies around the world. Having our branch office in Dubai, we have developed a wide range of distribution channels.

With abundance of experience and knowledge in the PVC Industry, We have taken an initiative towards green revolution and have commenced production of FIXOBOARD – PVC/WPC PLY. With state of art factory at SILVASSA, FIXOBOARD WPC/PVC ply guarantees international quality at economical prices and maintain time bound and uninterrupted delivery schedule.

Also, Our R&D department makes continuous efforts in developing and innovating new products for our esteemed clients.

VISION

FixoBoard is leading the way to the future of Plywood market by providing the most suitable substitute of wood/MDF/fibreboard/Particle board by constant innovation and development in every possible application.

With added features of FixoBoard over other types of non-environment and unstandardized boards, FixoBoard is replacing the traditional use of plywood and will be recognized as a complete replacement in the furniture industry resulting in value for all.

FixoBoard will be recognized as the largest producer of PVC/WPC ply and will have its dominance in the plywood and furniture industry.



TERMITE PROOF

FixoBoard PVC/WPC ply is 100% termite proof which protects your furniture from all types of termite, hence no pest control is required.



100% WATER PROOF

FixoBoard PVC/WPC ply guarantees 100% water proof. It does not show any symptoms of delamination or swelling.



FIRE RESISTANT

FixoBoard is designed in such a way that it can withstand fire without losing its functionality and its purpose.



CHEMICAL RESISTANT

FixoBoard PVC/WPC ply is resistant to all the chemicals along with good medical properties.



UV RESISTANT

FixoBoard PVC ply is designed in such a way that it is unaffected by ultra violet [UV] light or sunlight. It has the ability to resist sunlight and will have no effect on its tensile strength or elasticity even after prolonged sun exposure.



LEAD FREE NON-TOXIC

FixoBoard PVC ply are non-poisonous and totally environment friendly. It has no adverse effect on human life and environment.



NO SHRINKAGE & SWELLING

When the air is humid, wood absorbs moisture and swells; when the air is dry, wood loses moisture and shrinks. However in the case of fixo board pvc/wpc ply it does not shrink or swell as it is all weather proof ply.



ANTI FUNGAL - ANTI BACTERIAL

Unlike traditional ply which causes fungus - FixoBoard PVC/WPC Ply is 100% anti-fungal & anti-bacterial by nature.



CORROSION RESISTANT

FixoBoard PVC ply is totally corrosion resistant which has the ability to withstand damage, caused by oxidization or other chemical reactions.



100% RECYCLABLE

FixoBoard PVC/WPV ply is 100% re-cyclable and re-usable. By re-cycling PVC/WPC ply with other re-cyclable plastics various things are being manufactured. It also comes with 25% re-sale value.

A LEAD FREE PRODUCT



LEAD is extremely toxic to human body which damages liver, kidneys, reproductive system and nervous system and also causes Asthma and Cancer. LEAD poisoning accounts for about 0.6% of the global burden of disease. In the market, to attract the customers, many low quality cheaper lead panel boards are available - which emits formaldehyde and other harmful chemicals. FixoBoard is 100% lead free and harmless and is recognized as an "ECO-FRIENDLY PRODUCT".

SURFACE TREATMENT



**HAND
POLISH**



**PU
GLOSS**



**PU
MATT**



LAMINATE



**DIRECT
PAINTING**



**ROLLER
PRINTING
POSSIBLE**



**DIGITAL
PRINTING
POSSIBLE**

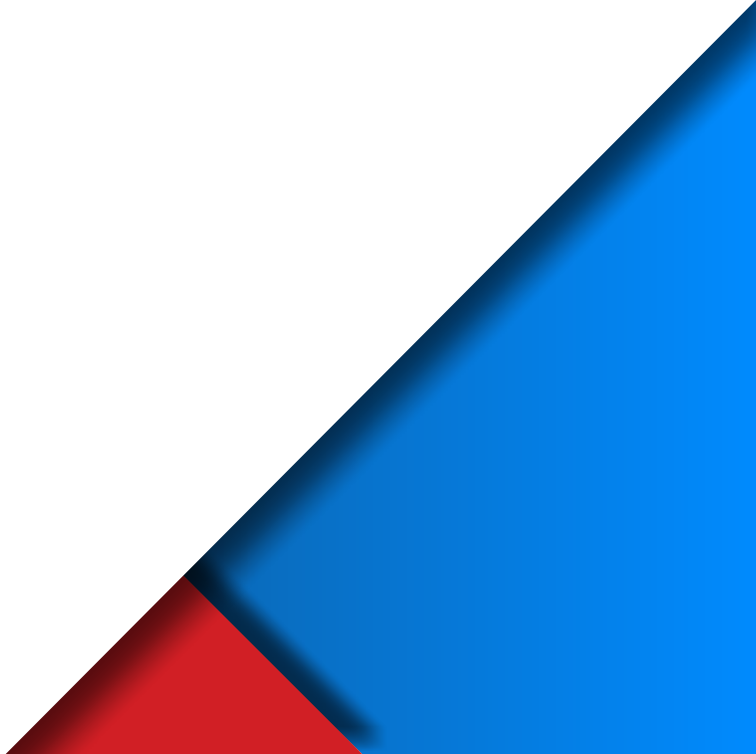


**PVC
FOIL**

PANEL DIMENSIONS

Thickness	2 to 35 mm
Standard Size	8' x 4'
Customised Size	Available as per requirements
Density	0.35 to 0.85 g/cc
Hardness	>55 Shore D
Standard Color	Super White

PRE-LAM BOARDS



COMPARISON CHART



Feature	Solid Wood Boards	Plywood Boards	HDF Boards	MDF Boards	Particle Boards	FixoBoard
Termite Resistant	✗	✗	✗	✗	✗	✓
Water Proof	✗	✗	✗	✗	✗	✓
Chemical Resistance	✗	✗	✗	✗	✗	✓
Corrosion Resistance	✗	✗	✗	✗	✗	✓
Varnishing	✓	✓	✓	✓	✓	✓
Veneering	✓	✓	✓	✓	✓	✓
Fabricating	✓	✓	✓	✓	✓	✓
Sanding	✓	✓	✓	✓	✗	✓
Drilling	✓	✓	✓	✓	✓	✓
Glueing	✓	✓	✓	✓	✓	✓
Painting	✓	✓	✓	✓	✓	✓
Screw Holding	✓	✓	✓	✗	✗	✓
Routing	✓	✓	✓	✓	✗	✓
Sawing	✓	✓	✓	✓	✓	✓
Recyclable	✗	✗	✗	✗	✗	✓
Damp Proof	✗	✗	✗	✗	✗	✓
Decay Proof	✗	✗	✗	✗	✗	✓

Sr. No.	Test	Test Method	Value
1	Density, Kg/m ³	IS : 1734	400 - 900
2	Water Absorptioin, 2 Hours,%	IS : 2380	<0.2
3	Water Absorptioin, 24 Hours,%	IS : 2380	<1
4	Hardness, Shore D	ASTM D 2240	>55
5	Tensile Strength, N/mm ²	IS : 1734	>20
6	Elongation At Break, %	IS : 1734	>10
7	Modulus Of Rupture, N/mm ²	IS : 1734	>20
8	Modulus Of Elasticity, N/mm ²	IS : 1734	>1500
9	Screw Withdrawal Strength, N	IS : 1734	>1500
10	Nail Withdrawal Strength, N	IS : 1734	>150
11	Charpy Impact Strength, KJ/mm ²	ASTM D 6110	>5
12	Izad Impact Strength, J/m	ASTM D 256	>30

FixoBoard PVC/WPC ply works in complete supplement to plywood. There is no additional knowledge / skill required in the working of the PVC ply - It adapts all traditional carpentry tools and can be - Cut, screwed, drilled, milled, polished etc. With less abrasion and or friction with the structure - the tool life increases. It is very much friendly with hand polish, PU, gloss / Matt, lamination, veneering. For fabrication - with utmost ease - it works well with all standard wood working machines like board saw, CNC router, and multi boring.

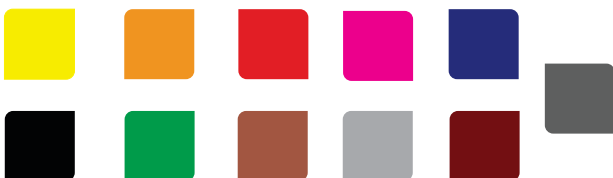




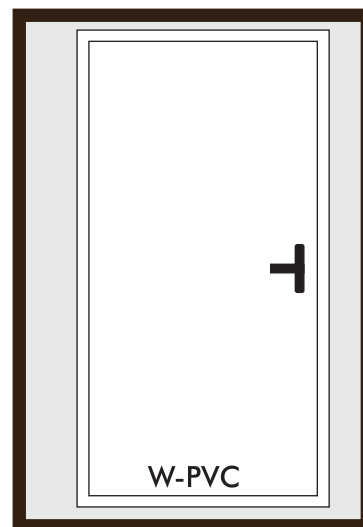
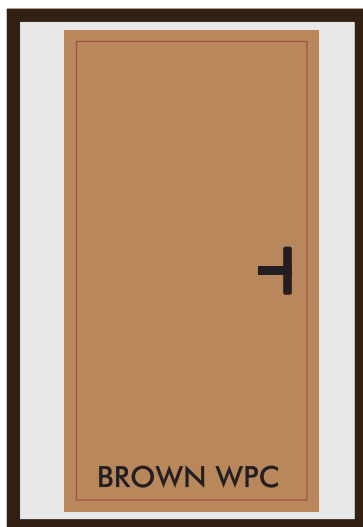
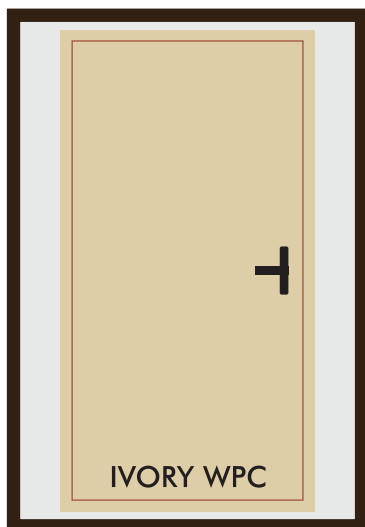
APPLICATION



Available Colors

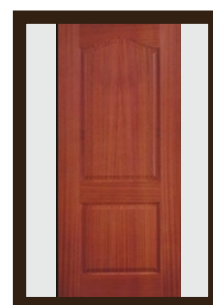
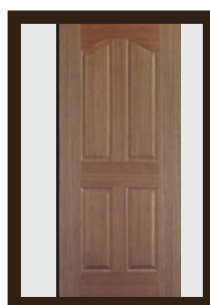
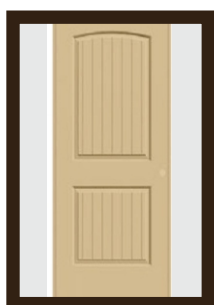


PLAIN WPC

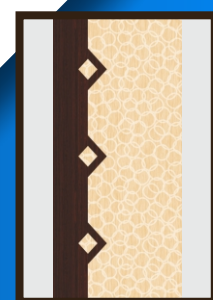
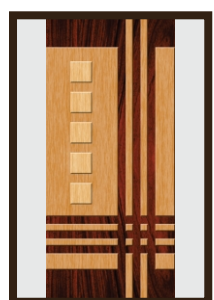
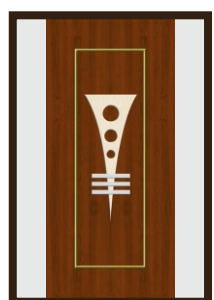
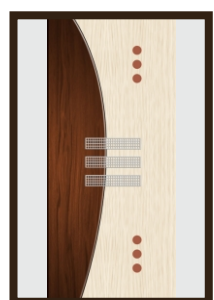
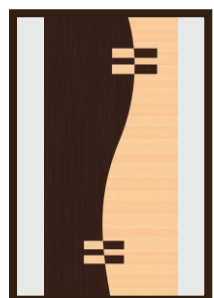
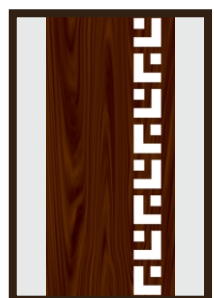
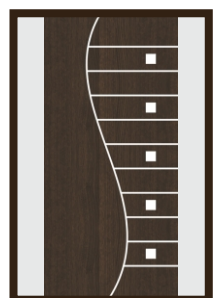


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CNC DESIGNS



SURFACE TREATMENT





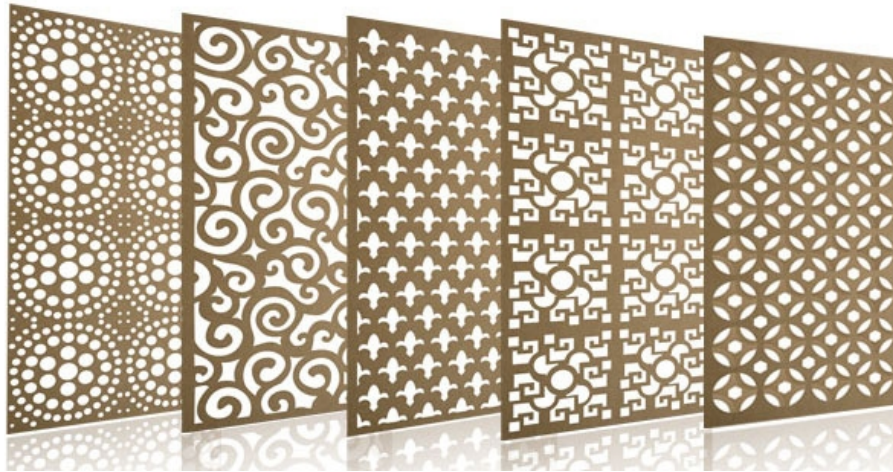
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