



— INDIA'S FIRST — LEAD-FREE BOARD

“BECAUSE... Your Health is Our Concern”



LEAD-FREE BOARD



HAVE YOU EVER THOUGHT?

That the panel you are using to make your furniture can also be hazardous for your health?
These panels could cause cancer due to lead content therein.

For your own sake use the panel which is not only durable but healthier and non-toxic also.



“**AMULYA PREMIUM AND AMULYA ELITE**
High Density WPC Boards.”

AMULYA CLASSIC LEAD-FREE BOARD

IDEAL FOR CEILING, CNC CUTTING, PANELLING, PARTITIONS



PROTECT YOUR FAMILY FROM EXPOSURES TO LEAD

AMULYA WPC 100% LEAD-FREE BOARD

A Need for Healthy Living

How LEAD affect our health and environment

Many of the WPC brands available in the market contain heavy metals such as LEAD. This harmful metal is mainly used during the manufacturing process of conventional WPC material. Once it enters into the air we inhale, it can go into our lungs and create a toxic effect on our bodies.

The LEAD used during manufacturing process in conventional WPC has a variety of effects on people who are exposed to it. Some long-term effects include cancer, liver and kidney damage, respiratory issues, etc. Conventional WPC which contains LEAD not only harms the human body, but also the environment.

What we did to provide a stronger and healthier WPC panel

The potent health effects of LEAD-containing WPC have made our company reconsider the composition of AMULYA WPC. This has led to the development of a new range of Environmentally Friendly non-toxic WPC board. We reinvented the manufacturing process of AMULYA WPC so that serious health and environment problems can be prevented. Now you can use AMULYA WPC without any hesitation in kitchen, living room, and study table or at any place you want.

Amulya WPC boards are exported in Greece, Hong Kong, Israel, South Africa, Singapore, Turkey etc.

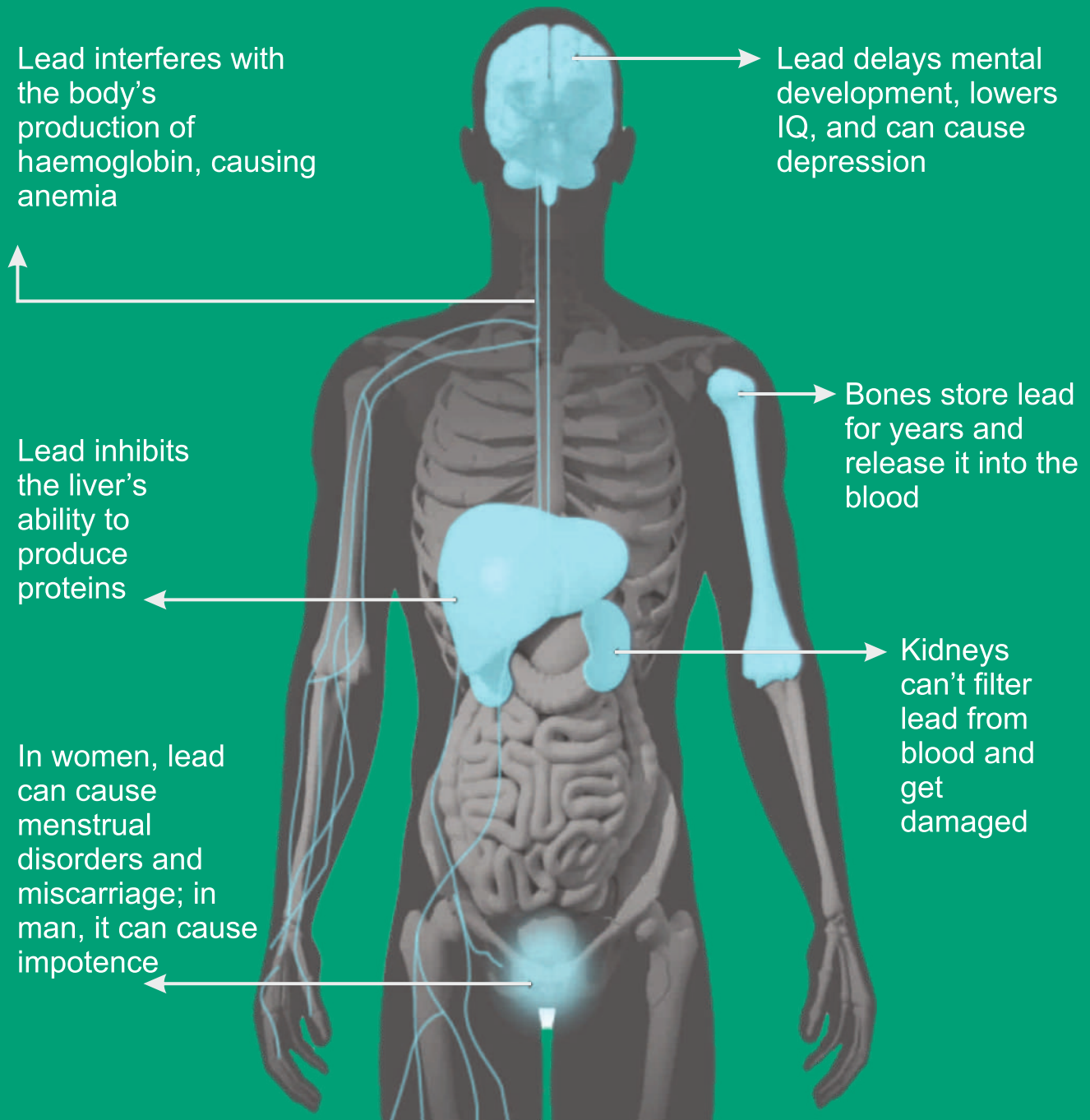
LEAD HAS SEVERE EFFECT ON CHILDREN

Don't use panels to make furniture which have lead inside

Lead can have serious consequences for the health of children. At high levels of exposure, lead attacks the brain and central nervous system to cause coma, convulsions and even death. Children who survive severe lead poisoning may be left with mental retardation and behavioral disorders. At lower levels of exposure that cause no obvious symptoms, and that previously were considered safe, lead is now known to produce a spectrum of injury across multiple body systems. In particular lead can affect children's brain development resulting in reduced intelligence quotient (IQ), behavioral changes such as reduced attention span and increased antisocial behavior, and reduced educational attainment. Lead exposure also causes anemia, hypertension, renal impairment, immune toxicity and toxicity to the reproductive organs. The neurological and behavioral effects of lead are believed to be irreversible.

- ✱ Lead is a cumulative toxicant that affects multiple body systems and is particularly harmful to young children.
- ✱ Lead in the body is distributed to the brain, liver, kidney and bones. It is stored in the teeth and bones, where it accumulates over time. Human exposure is usually assessed through the measurement of lead in blood.
- ✱ Lead in bone is released into blood during pregnancy and becomes a source of exposure to the developing fetus.

Effect of LEAD on HUMAN BODY



TEST CERTIFICATE

SGS

AMULA PVC BOARD - TEST REPORT DATE : 18.11.2019

S. No.	Test Item	Test Result		
1	ROHS-4E	Comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU		
S. No.	Test Item	Test Result (kg/m ³)		
2	Density Test	Average : 711		
S. No.	Test Item	Test Result (%)		
3	Moisture Content	Average : 0.3		
4	Water Absorption Thickness Seelling	Average : 0.2 Average : 0.0		
S. No.	Test Item	Test Result (Mpa)		
5	Tensile Strength Perpendicular To The Plane of The Board	Average : 12.71		
S. No.	Test Item	Group	Staining Agents	Test Result
6	Resistance to Staining	Group 1	Acetone	Rating 2
		Group 2	Coffee 80°C	Rating 5
		Group 3	Shoe polish simulant	Rating 3
			Sodium hydroxide (25% solution)	Rating 5
			Hydrogen peroxide (30% solution)	Rating 5
S. No.	Test Item	Method	Test Results	Unit
7	Microbiological Test:			
	Total Plate Count	ISO 18593: 2018	<10	cfu/unit
	Coliforms	ISO 18593: 2018	Absent	Per unit
	Yeast and Mould	ISO 18593: 2018	<10	cfu/unit
	E.Coli	ISO 18593: 2018	Absent	Per unit
	Salmonella spp	ISO 18593: 2018	Absent	Per unit
	Pseudomonas aeruginosa	SO-IN AFL-MNR-M-TE-013	Absent	Per unit
S. No.	Test Item	Test Result (kg/cm ²)		
8	Flexure Strength	63.1992		
9	Flexural Modulus	3700.764		
S. No.	Test Item	Test Result		
10	Direct Screw Withdrawal	1	2	3
		1646 N	1242 N	1216 N
S. No.	Test Item	Test Result (°C)		
11	Vicat Softening Temperature	67.3		
S. No.	Test Item	Test Result		
12	Surface Burning Characteristics	Pass As per ASTM E84		
13	EN 71-3:2019 - Migration of Certain Elements	Pass		

Now there is more reason to trust on Amulya WPC, now your favorite brand has proof of its unmatched quality. Presenting a test report of AMULYA PVC Board, done by SGS.

“

Amulya Lead Free Board is *ITALAB Certified Food Grade Compliant* for Oils, fats and processed dry foods with surface fat or volatile oil e.g. Vegetable oils, ghee , vanaspati, cocoa butter, lard, biscuits, spice powder, snacks and savory, chocolate, caramels, malted foods, egg powder, tea, coffee powder, confectionery, fried and roasted nuts etc as per *IS 9845-1998*.

”

TECHNICAL SPECIFICATIONS



TEST RESULTS FROM SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH, DELHI

S. No.	Tests	Results	Protocol
1	Density, kg/m ³	674	IS:2380 (Part III)-1977 (Reaffirmed 2013)
2	Moisture Content, %	0.15	IS:2380 (Part III)-1977 (Reaffirmed 2013)
3	Water Absorption, % i) For 2 hrs soaking ii) For 24 hrs soaking	0.02 0.07	IS:2380 (Part XVI)-1977 (Reaffirmed 2013)
4	Mass Swelling, % (For 2 hrs)	0.02	IS:2380 (Part XVII)-1977 (Reaffirmed 2013)
5	Tensile Strength, MPa (Parallel to surface)	20.2	IS:2380 (Part VI)-1977 (Reaffirmed 2013)
6	Screw Withdrawl Strength, N a) Face b) Edge	1605 1306	IS:2380 (Part XIV)-1977 (Reaffirmed 2013)
7	Nail Withdrawl Strength, N a) Face b) Edge	587 426	IS:2380 (Part XIV)-1977 (Reaffirmed 2013)
8	Vicat Softening Point °C	74	ASTM D 1525-08
9	Fire Retardancy	The specimen does not burn after application of test flame	ASTM D 635-14
10	Heavy Metal Content, a) Lead (Pb), ppm b) Tin (Sn), ppm c) Cadmium (Cd), ppm d) Mercury (Hg), ppm	1.4 112 Below dection limit Below dection limit	Acid digestion followed by ICP-MS & ICP OES

PANEL DIMENSIONS

Width Available:*

2.5 / 3 / 4 / 6 feet

Length Available:

4 & 6 feet. Customized length also possible*

Thickness (mm):

4 to 35 mm

Colors:

White and Pine-Wood

* Conditions apply



Amulya PolyPine⁺

STRENGTH OF PINEWOOD

Density **670Kg/m³**

Amulya PolyPine

STRENGTH OF PINEWOOD

Density **550Kg/m³**

Amulya Polypine is the amalgamation of virgin PVC with saw dust of New Zealand Pinewood. Polypine derives its sturdiness, high dimensional stability and better density from the wood fibres. Oil of Pinewood saw dust also gives protection against borer which is most common problem of today's panel products. Since we use only one species of wood dust, you get same colour of the Polypine from batch to batch.

APPLICATION

- Modular Kitchen
- Shutters
- Furniture Carcass
- Doors
- Wardrobes
- Wall Panelling
- Slider Shutters
- Door-frame



**WATER
PROOF**



**TERMITE
PROOF**



**FIRE
RETARDANT**



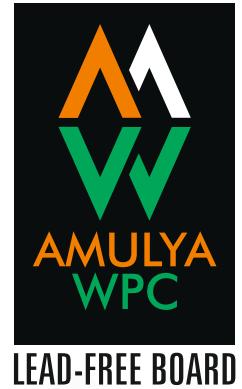
**HIGH
STRENGTH**



**100%
RECYCLABLE**



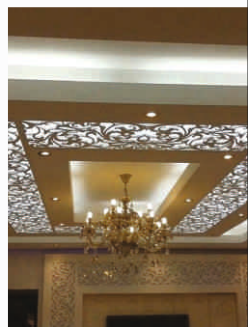
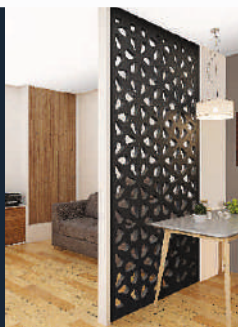
**ECO
FRIENDLY**



PVC FOAM BOARD

Amulya presents an economical option in PVC Board for those who want performance with savings. The amulya 4D is a low density PVC Board ideal for decorative CNC work, wall panelling and ceiling applications. It's smooth surface and non-porous inner edges, makes it an ideal choice of CNC machine operators. This of course comes in addition of being lead free and food grade certified product.

Recommended for CNC Work, Panelling, Ceiling Only



Note: *Not recommended for making furniture



100% Waterproof



Termite and Pest proof



Fire retardant



Non-toxic panel



Light weight



CNC friendly



Environment friendly



Anti Fungal/
Anti Bacterial

UNCOMPARABLE WITH MDF, PARTICLE BOARD & OTHER WOOD BASED PANELS

MDF/Particle Board/ Other Wood Based Panels	AMULYA WPC Board (100% LEAD-Free Board)
Particle board/ MDF soak up water and other liquids like sponge and swell or deform. Poor resistant to water or moisture	WPC is completely 100% water proof can be used in swimming pool for life time.
Because it consists of such fine particles, Particle board/MDF does not hold screws very well, and it is very easy to strip the screw holes.	WPC structure is so dense and compact that once screw or nail enters then it is very difficult to pull it out. High nail holding capacity than natural wood also.
MDF/ particle board content formaldehyde which emits during stacking or after use and causes health related problems.	AMULYA WPC is eco-friendly product and does not emit formaldehyde as it is made with virgin raw materials.
It is easily approachable for termites and borers because of its less density and particles.	0% chance of termite or borer to destroy WPC board. Completely safe against any wood destroying organisms.
High chances of rotting or cracking.	Highly stable panel, no chance of rotting or cracking or bending in any application.
It has poor load bearing capacity so it get bend or crack at high load bearing conditions.	High density and known for high load bearing strength.
MDF/Particle board is not recommended for exterior applications	WPC can be used anywhere in interior as well as exterior applications.
MDF/Particle board support fire thus can't resist fire.	WPC does not support spreading of fire.
MDF and Particle Board surface are uneven and non-calibrated.	WPC surface is smooth and calibrated.
MDF, Particle Board etc are not bacteria resistant.	Amulya PVC Board is Anti Bacterial as tested by SGS Lab.

MDF/Particle Board/ Other Wood Based Panels



Poor Strength

AMULYA WPC Board (100% LEAD-Free Board)



Lifelong strength



Favorite of
Termite & borer



Tough for termite & borer
for life time



Poor Moisture &
Water resistance



100% water proof, can be used
in bathroom with running water

DISTINCTIVE FEATURES, MAKE AMULYA WPC DIFFERENT FROM THE CROWD

SIX FEET WIDE WPC BOARD

After discussion with furniture making experts and understanding their need we decided to provide wider width of our AMULYA WPC. It is 6feet wide WPC board and its length can be tailored as per your need. Due to this it saves your cost of furniture making because there is zero wastage of panel during cutting. It gives you 12-20% benefit on material cost only while the number of joints are also reduced significantly.





1st TIME IN INDIA
6 FEET WIDE
WPC
BOARD

100% LEAD-FREE BOARD

ZERO WASTAGE
Advantage

100% LEAD-FREE & FORMALDEHYDE EMISSION FREE BOARD

Drawing of A Wardrobe - 7 Feet By 3 Feet



Total Material Required-

$$\begin{aligned}
 7 \times 3 \times 2 &= 42 \text{ Sq. ft} \\
 7 \times 1.5 \times 2 &= 21 \text{ Sq. ft} \\
 3 \times 1.5 \times 4 &= 18 \text{ Sq. ft} \\
 \hline
 &81 \text{ Sq. ft}
 \end{aligned}$$

$$\begin{aligned}
 2 \text{ Pieces } 6 \times 7 &= 84 \text{ Sq. ft} \\
 \text{Wastage} &= 3 \text{ Sq. ft}
 \end{aligned}$$

$$\begin{aligned}
 &\text{We required 3 pieces} \\
 &\text{of } 8 \times 4 \text{ Feet Board} \\
 &= 8 \times 4 \times 3 = 96 \text{ Sq. ft}
 \end{aligned}$$

$$\begin{aligned}
 * \text{ Wastage} &= 96 - 81 \text{ Sq. ft} \\
 &= 15 \text{ Sq. ft}
 \end{aligned}$$

*Average cost of 1 Feet = ₹ 135
cost of 15 feet = ₹ 2025

*In case of 6 x 7 board, wastage is 3 feet
= $135 \times 3 = ₹ 405$

Total benefit to client = ₹ 2025 - 405 = ₹ 1620

Total Benefit in %

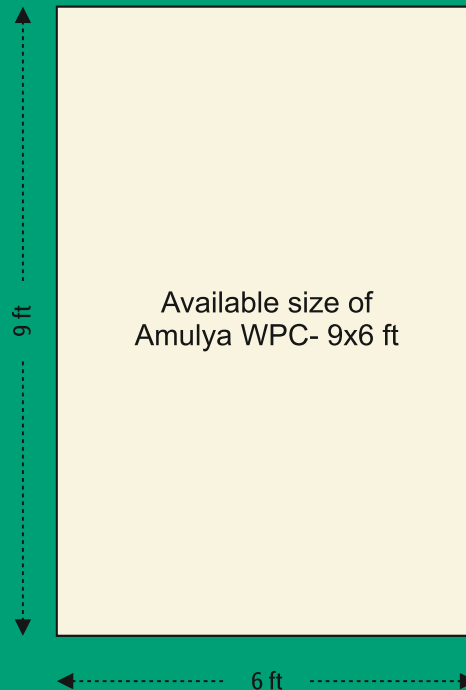
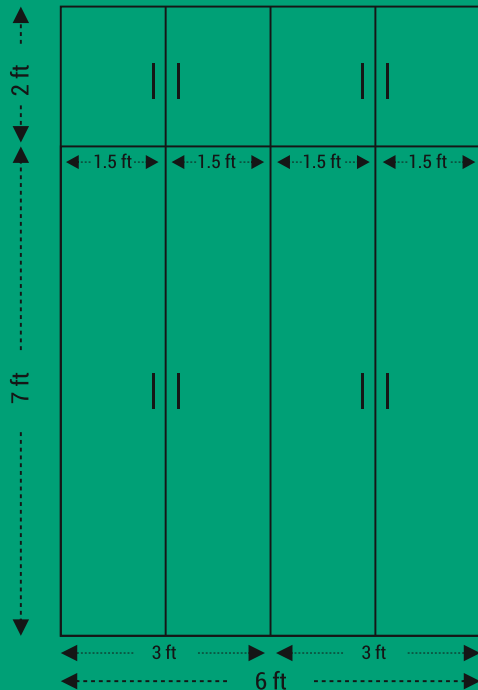
Cost of 6x7 two boards = $84 \times 135 = ₹ 11340$
Cost of 8x4 three boards = $96 \times 135 = ₹ 12960$
Saving = $12960 - 11340 / 12960 \times 100 = 12.5\%$



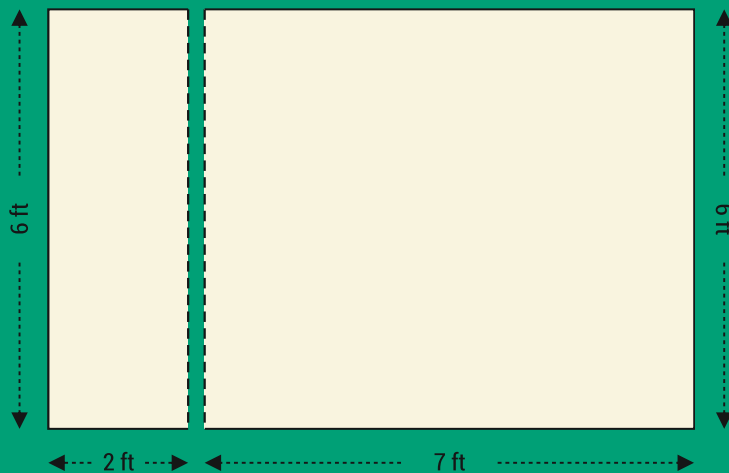
Size advantages for ZERO WASTAGE of panel

To make 6x9 ft wardrobe shutter you need;

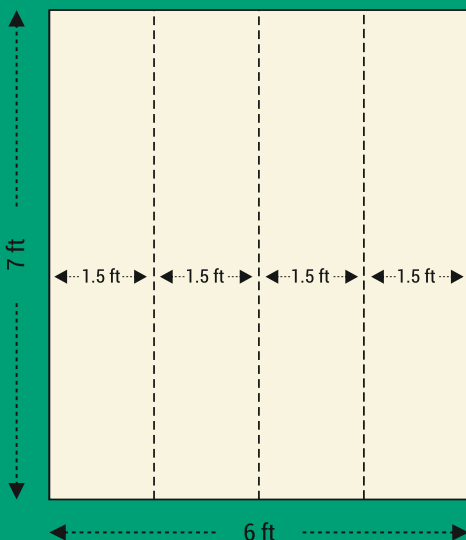
- 1.5x7ft - 4 Panels
- 2x1.5ft - 4 Panels



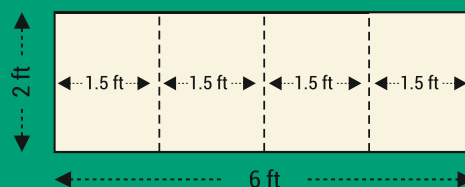
Cut 1 Panel of 7x6 ft
& 1 Panel 6x2 ft Size



Cut 4 Panel of 1.5x7 ft



Cut 4 Panel of 2x1.5 ft Size



EASY TO CUT, SCREW/NAIL & SAW AS YOU DO WITH WOOD **COMPLETE CARPENTER FRIENDLY PRODUCT**

It can be cut, drilled, nailed and sanded like normal wood based boards. All these processes can be done with standard and conventional carpenter tools. It can be easily processed with all board processing machines like Board saw, Beam saw, Vacuum press, CNC Router, Edge benders, Multi boring and other machines.

- Laminates can easily be pasted on AMULYA WPC Board.
- High Gloss, Matt, Deco Paint, Texture Paint can be applied with less consumption of material.
- ACP's and Acrylic solid surface can also be pasted on AMULYA WPC.
- Can be Lacquered.
- Routing, Carving etc. Possible.

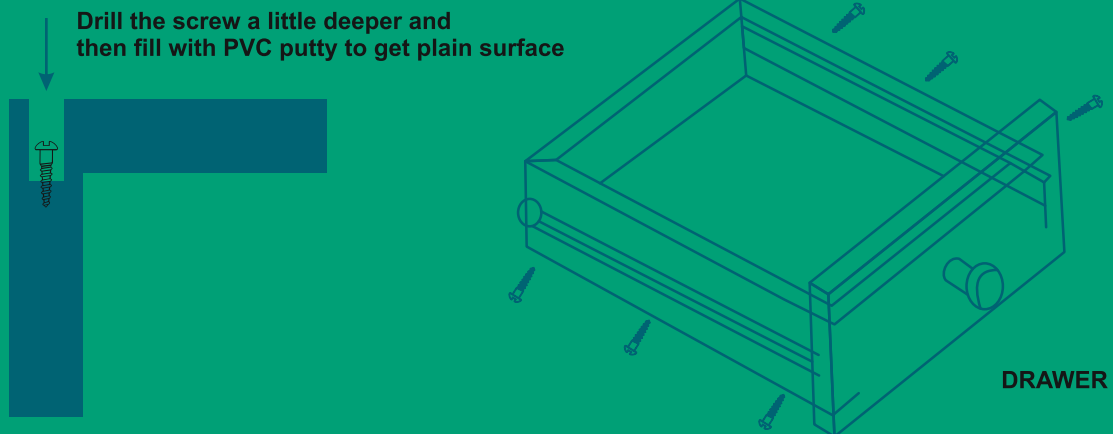


IMPORTANT SUGGESTIONS

- To paste laminate, double sided tapes like Lohmann Tape and rubber based adhesives like Fevicol Heat X are available in the market.
- To bond WPC/ PVC foam board (ex. 12+12mm=24mm) Use cement solvent/ PVC solvent easily available in the market.
- All types of screws and nails can be easily drilled or nailed with the help of conventional tools. Sturdy combination of virgin polymers and wood fibers ensure that screw can be tightened in the same hole for at least 5 times.

HOW TO HIDE THE SCREW:

Drill screw deeper and fill the gap with PVC PUTTY



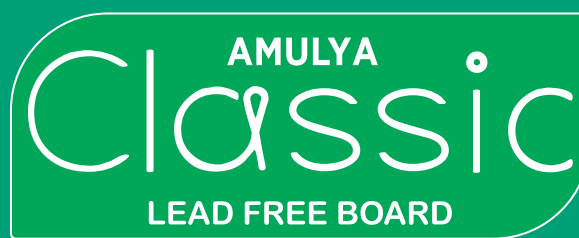
SCREW FIXING:

Use 1.5 -2 inch screw





LEAD-FREE BOARD



IDEAL FOR CEILING, CNC CUTTING, PANELLING, PARTITIONS

Introducing AMULYA CLASSIC LEAD-FREE WPC BOARDS, it is the new generation product replacing the Plywood, MDF and even Acrylic surface for various applications based on its durability, cost, quality & flexibility parameters.

It is manufactured strictly as per the industrial standard to provide you best and flawless quality product. Amulya WPC CLASSIC boards are accurate in dimensions, extremely robust and precisely finished. Each stage of production is carefully tested & inspected by our Quality Control team for ensuring defect free product delivery.

AMULYA CLASSIC LEAD-FREE WPC BOARDS, can be directly applied due to its stunning finish and high surface density with suede finish. You can use it in many applications like jali, partitions, ceiling, wall panelling. It can be printed and uv coated. UV treatment on Amulya Classic gives longer life as compared to coating on plywood, MDF & particle board.

UNIQUE FEATURES:-

- Moisture & Water Proof
- Termite & Pest Proof
- Fire Retardant
- No Swelling & Shrinking
- Weather & Ageing Resistant
- Maintenance Free



LEAD-FREE BOARD

India's First
LEAD-FREE BOARD

AMULYA WPC CLASSIC

APPLICATIONS

Jaali Work - Ceiling - Wall Panelling - Partitions in metal Frame.



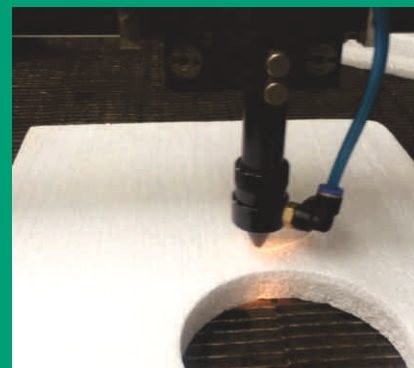
AMULYA WPC GALLERY AT PLANT





DON'T'S

- 1 Do not use the Amulya LEAD-FREE board for linter shuttering civil work.
- 2 Do not use Amulya LEAD-FREE board in direct sunlight exterior applications.
- 3 Do not paint the board without the pvc primer.
- 4 Do not use the normal Fevicol white adhesive to work with PVC/WPC boards.
- 5 Do not put hot kitchen utensils directly on the LEAD-FREE Board as it will cause melting impressions if the temperature is more than 70°C
- 6 Do not use laser cutter on the LEAD-FREE Board as it will burn the board.
- 7 Avoid using the LEAD-FREE Board for horizontal applications e.g. table top without the laminate, as it develop scratches over a period of time.



DO'S

- 1 To paste laminate or veneer use Fevicol HeatX or Lohmann double sided tape.
- 2 Before pasting laminate etc. scrub the surface with 80 no. sand paper.
- 3 To paste two boards together or to paste two edges together, use cement solvent / pvc solvent.
- 4 To cover the edges of Board, use pvc edge tapes easily available in the market.
- 5 To do deco paint or texture paint, first sand the surface with 80 no. paper and apply the pvc primer.
- 6 Single side laminate pasting will cause up to 1mm warping in shutter. To avoid this there should be at least liner laminate on the inside of the shutter.
- 7 Store the stock in horizontal position stacking only.
- 8 For hinges in 25 mm or above door applications, use the screws only and not the nails.
- 9 To cut the board use good brand electric saw.
- 10 To make wardrobes the maximum dimension of the shelf should be 3.5 feet by 1.50 feet. for more than this size there should be vertical supporting partition of 18mm board in the middle of the shelf.
- 11 Maximum length of the wardrobe shutter should be 7 feet only.
- 12 Shelf and shutters should be made by 18 mm elite hd board only.
- 13 Wall panelling should be done with 6 or 8 mm premium board.
- 14 Use CNC machine to form jaali designs on PVC Boards.

ENGINEERED PRODUCT FOR **MULTIPLE USES**

Interior Applications

- Modular Kitchens
- Cabinets & Panels
- Wall Paneling
- Wardrobes
- Partitions
- Home & Office Furniture
- Ceiling Solutions
- Industrial Sections
- Bathroom Cabinet



Amulya WPC Plant - Laboratory



Plenty of reasons to choose AMULYA LEAD-FREE BOARD



100% Waterproof



Termite and Pest proof



Fire retardant



High screw holding



Life time warranty



Non-toxic panel



Corrosion resistance



Light weight



Impact resistance



Chemical resistance



Maintenance free



Environment friendly



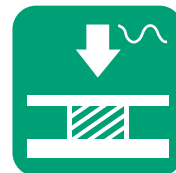
Smooth surface



No shrinkage
and swelling



Easy to saw and cut



Calibrated surface



WARDROBES



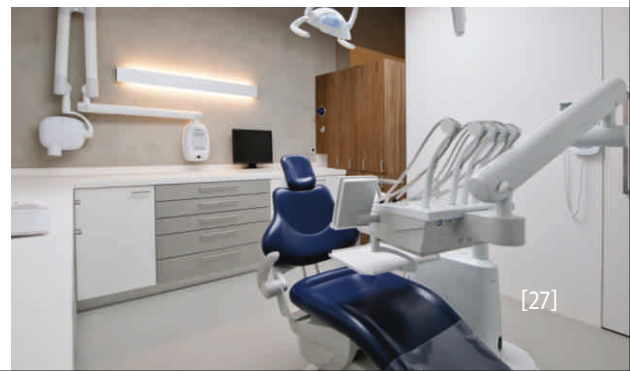
HOTEL



GRILL PARTITIONS



HOSPITAL



OFFICES



KITCHEN & BATHROOM CABINET

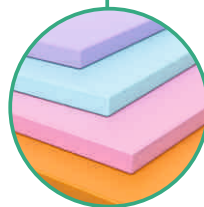


INTRODUCING AMULYA 90° BENDABLE PVC LAMINATES

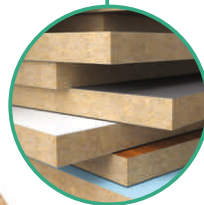
Now time has gone for the cheap looking edges of kitchen cabinets, wardrobes, beds, etc. Now you have a wonderful décor option for your interior. Presenting 90° Bendable PVC laminates in different colour and design.

Ask for AMULYA 90° Bendable PVC laminates and get rid of visible edgy joints. With AMULYA 90° bendable PVC laminates you can simply bend the PVC laminates and give your interiors a modish & gorgeous looks.

AMULYA 90° Bendable PVC laminate is a new and versatile decorating panel having greater longevity and a wide variety of applications. With AMULYA PVC laminate you may discover new designs and applications that were never possible with traditional décor sheets.



AMULYA 90° Bendable
PVC Laminates (No need
of edge band tape)



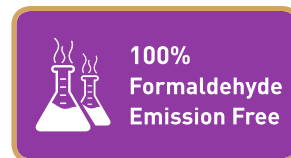
NORMAL
Laminates need
Edge Band Tape



**BEND IT
LIKE ANYTHING**



10 REASONS TO CHOOSE



THICKNESS: 1.25mm **SIZE:** 2440mm X 1220mm

FAQ

FREQUENTLY ASKED QUESTIONS

Q How to cut AMULYA 90°Bendable PVC laminates?

- The PVC laminate sheets can be easily cut or trimmed using a saw (manual or electric) or a sharp knife. No special tools are required.

Q How to clean AMULYA 90°Bendable PVC laminates?

- Use ordinary household products for looking after them. The sheets can be polished to their original condition using a soft, non-abrasive cleaning agent. Normally you only need a damp cloth to clean the sheets thoroughly.

Q What type of adhesive to be used to with AMULYA PVC laminate?

- To fix Amulya PVC laminate on wood or WPC Board, you can use PVC-Fix adhesive (PIDILITE).

Q How to laminate PVC deco sheet on surface?

- Base sheet must be used and careful bonding procedures must be observed.
- Use good quality plywood, high density particle board or high quality fiber board.
- Use defect free smooth and free of grease, wax, dust, chips surface.

"BECAUSE... Your Health is Our Concern"



LEAD-FREE BOARD

1st TIME IN INDIA
6 FEET WIDE
WPC
BOARD
100% LEAD-FREE BOARD

PURBANCHAL COMPOSITE PANEL INDIA PVT. LTD.

AN ISO : 9001 AND ISO : 14001 COMPANY

CORPORATE OFFICE

Goyal Avenue, Office No. 101 & 102, 1st Floor, Plot No. 318,
Ward 12-B, Opp. Old LIC Block, Gandhidham-Kutch, Gujarat-370 201 (INDIA)
Phone: +91-2836-231468 TeleFax: +91-2836-231486

WORKS

Survey No.-341, Village-Bhimasar, Taluka-Anjar, Dist.-Kutch, Gujarat-370110
Telefax: (02836) 285465 Mobile: +91 9825231737

BRANCH OFFICES

Ahmedabad : 9824021650, Bangalore : 9726415667 / 97264 15661, Chandigarh : 9726415721
Delhi : 9727768035 / 9726415761, Kolkata : 9726415671, Ludhiana : 9726415722

www.amulyamica.com

TOLL FREE NO.: 1800-233-1468

