



Alstone Hybrid Board Basics

We at Alstone believe in Constant innovation and we come up with New Products for Builders and Architects for superior Living experience.

Today we will learn about a product which is new in the industry and is fast gaining popularity.

Alstone Wood Polymer Composite sheets !!

Which is preferred building material due to its performance, features and viability as a commercially used building material.

The world is moving towards Green Eco-Friendly products which are easy use. Hybrid Board is a Composite material composed of PVC fibre, Rice husk, wheat husk, calcium carbonate & additives which gives them enhanced specific properties like high strength and better longevity.

Now presenting our newest offering Alstone Hybrid Board, our latest development with unmatched features and benefits. Manufacturing Process of Hybrid Board. Manufacturing process of Hybrid Board involves PVC polymers as a primary raw material between 60% - 65% , Reinforced with Calcium carbonate , blowing agents , lubricants , heat stabilizers and UV additives. For screw ability we add Rice husk and Wheat husk.

The 2 major properties of Hybrid Board are : Marine Properties, Termite Proof properties of polymer and Screw ability of Rice husk makes this a outstanding interior utility product.

Hybrid Board production is a 100% safe manufacturing process releasing no air & water pollutants having no process wastage. It is a green innovative engineered material. Hybrid Board high strength and unparalleled durability along with a smooth finish makes it ideal for a wide range of applications.

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Hybrid board comes with various features which are unmatched by various building materials, these include :

- 100% Water Proof
- 100% Termite Proof
- 100% Fire Retardant
- 100% Recyclable
- Nailable Product
- No shrinkage, Warping or bending
- 100% Fungus/Bacteria proof
- Toxicity and Formaldehyde free
- High degree of workability
- Can be used with or without laminate or veneer
- 100% calibrated
- Minimal maintenance

Hybrid Board can be used for wide range of applications which help in diversification efforts.

Conventional Carpentry tools can be used, hence no requirement for additional tools or labor training.

All these features make hybrid board a better product than any other building product.

Hybrid board comes in following offerings:

- Hybrid Board : comes with a density of 660kg/ cubic meter in Frosty white and Natural wood colors
- Eco Board : comes with a density of 550 kg/cubic meter in Frosty white and Natural wood colors
- Thickness available are :
4mm,6mm,8mm,12mm,16mm,18mm,25mm,30mm,35mm,40mm,50mm

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So you must be wondering where Hybrid board can be used , here are

some of the applications :

- Furniture
- Modular carcass
- Ceiling
- Partition
- Wall cladding
- Vanity
- CNC routing and a lot many more

Hybrid board can be finished with Laminate, Veneer , Paint , Digital prints or Hybrid Board as it is .Just Remember to balance the Hybrid Board while you finish them up !

Now let us see how to handle and stock Hybrid boards :

- Sheets should always be lifted with both hands and supported carefully
- Sheets should be always be carried with 2 people lifted from both the ends
- Be careful the edges are not damaged while placing the sheets, so place one end on the surface and slide the sheet smoothly
- While placing the sheets, the base should be flat and even
- Sheets should not be placed directly on the ground
- Sheets should be placed on wooden battens in such a way that it given support to all 4 edges of the board
- The sheets to be kept at least 150 mm from the ground level
- Sheets should be stored in a well-ventilated room, room should be clean, dry
- Place the sheets on a clear horizontal alignment
- Sheets should not be in kept in direct sunlight



Maximum Quantities of Stacking are :

4mm = 180 pieces

6mm = 150 pieces

8mm = 112 pieces

12mm = 75 pieces

18mm = 50 pieces

25mm = 36 pieces

30mm = 30 pieces

At Alstone we believe in Good Aesthetics and durability , So Hybrid Board is the best choice for your needs.

Make your homes Greener by Alstone