

WPC Foam Board

WPC foam board is a multifunctional and it is a perfect alternative to natural wood. WPC foam board is mainly composed of polyvinyl chloride (PVC) resin, wood powder or bamboo powder and other additives. It is a wood-based panel with a rigid surface and expanded closed-cell core produced by foaming extrusion technology.

WPC foam board has similar properties to expanded PVC foam, such as low water absorption, no formaldehyde, non-toxic, odorless, and recyclable. Its most popular uses are kitchen cabinets, interior decorative panels, furniture for humid environments.

WPC foam board has high workability, it can be easily sawed, cut, drilled and nailed, hot-shaped, painted, laminated. No special tools are needed for processing, just conventional woodworking tools.



Product Details

We provide four types of wpc foam board, including wpc celuka foam board, wpc co-extruded foam board, embossed wpc foam board, sanded finish wpc foam board. The first three can be used directly without laminating and painting according to your needs. The sanded finish wpc is suitable as a substrate or liner for laminating and gluing. Many of our customers use wpc foam board instead of MDF, and they laminate thin skins on the wpc board, such as pvc film, HPL, acrylic, aluminum film.



WPC Celuka Foam



WPC Co-extruded Foam

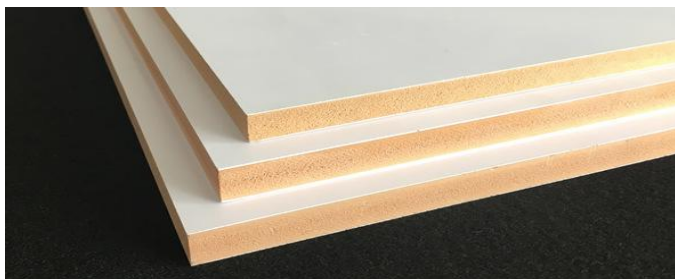


Wood Grain WPC Board



Sanded WPC Board

The surface type of wpc co-extruded foam board can be white color or wood color.



What is the difference between WPC foam board and PVC foam board?

The performance and use of WPC foam board are almost the same as PVC foam board. Different from PVC foam board, WPC foam board contains a small amount of natural wood fiber and bamboo fiber, thereby strengthening the nail holding force of the board. WPC foam board is environmentally friendly, non-toxic, the used materials can be recycled and reused.

The color of WPC foam board we see is the color of natural wood powder in its composition. The color of wood powder of different batches and wood powder from different trees will be different, which will cause the color of each batch of WPC foam board we produce to have a certain difference. For orders that require color consistency, we will add color masterbatch to the WPC foam board to ensure that the color of each batch is close to the same.

Compliance

ISO 17226-1:2021
RoHS compliant
REACH compliant
EN 14372:2004
ASTM E84-17
ISO 27528:2009
ISO 1926:2009
GB 8624-2012
GB 18580-2001



Advantage



Good flatness

uniform thickness, flat pvc foam board



Clean surface

all white without dirt, no impurities, pits or bumps



Stable structure

uniform closed-cells in the cross section after cutting



Nail-holding strength

tighten the screws without slipping



Water-proof & mildew-proof

suitable for outdoor and humid environments



Fire performance

common pvc foam board is self-extinguishing, and fire-resistant enhanced boards meet ASTM E84 Class A



Suitable as substrate

light in weight, can be used as substrate for laminating pvc film or gluing signs



Strong workability

can be easily drilled, nailed, sawed, cut, planed, glued, sanded, painted



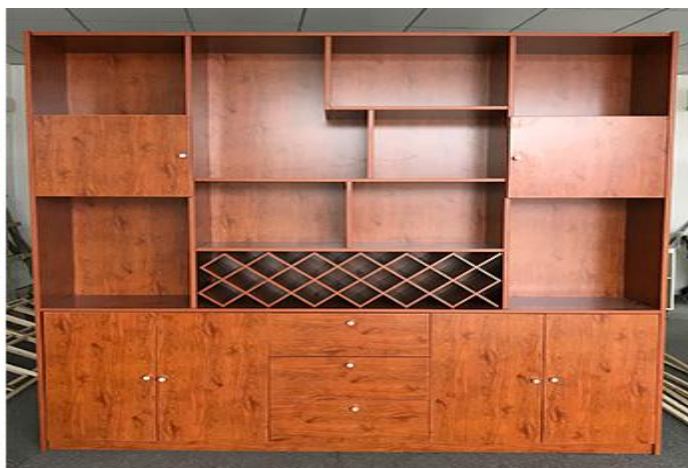
Sound insulation

suitable for used as partition walls in mobile offices

Application

Multifunction panel, engraving decorative screen, signs and display, cupboard, kitchen cabinet, kitchen furniture set, partition panel, wall panel, liner, lining for van and bus, cabinet for express delivery vehicle, recreational vehicle, ambulance and utility vehicle, furniture board for marine and humid environment, outdoor table and chair, etc.

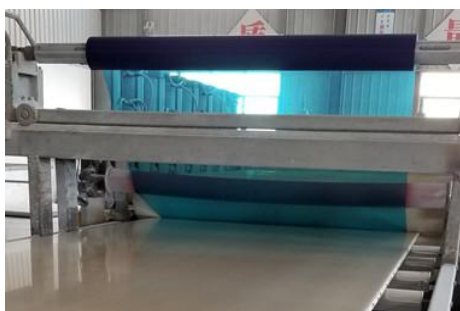
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Specification

Length	2440mm, 3050mm, 3600mm length can be customized
Width	1220mm, 915mm
Thickness	5mm - 30mm
Density	0.4 - 0.9 g/cm3
Surface	Smooth, matte, wood grain, sanded finish
Color	Natural wood color

Additional Services



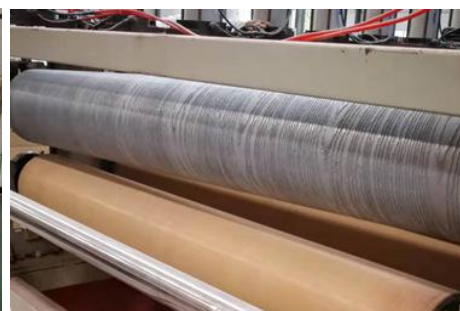
Protective film

Cover the board with protective film to avoid scratches. Transparent film and custom film with your logo are available. One side or both sides can be covered.



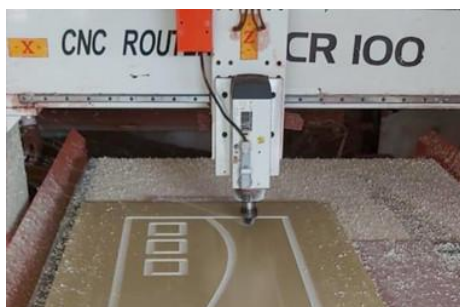
Custom packaging

Our packing materials are plastic film or PE bags for wrapping, fumigation-free wooden pallet, carton, metal pallet. Custom packaging is available.



Custom surface texture

The surface texture of the pvc foam board is realized by the pressing roller during the production. Customized a press roller can produce your unique texture board.



Processing services

Cut to size, CNC routing, bevelling, chamfering, laminating, sanding, printing, hot bending, etc.



Supporting services

Such as sourcing & procurement, prototype making, module assembly, OEM, ODM services.

Options For Customers

For trader, wholesaler, distributor

We are glad to provide you with expanded PVC foam board of different grades and performance, such as common boards, flame retardant class A boards, UV-resistant reinforced boards, screw retention enhanced boards, strength or toughness reinforced boards. The size, thickness and density can be customized according to your requirements. Accept mixed specification shipments.



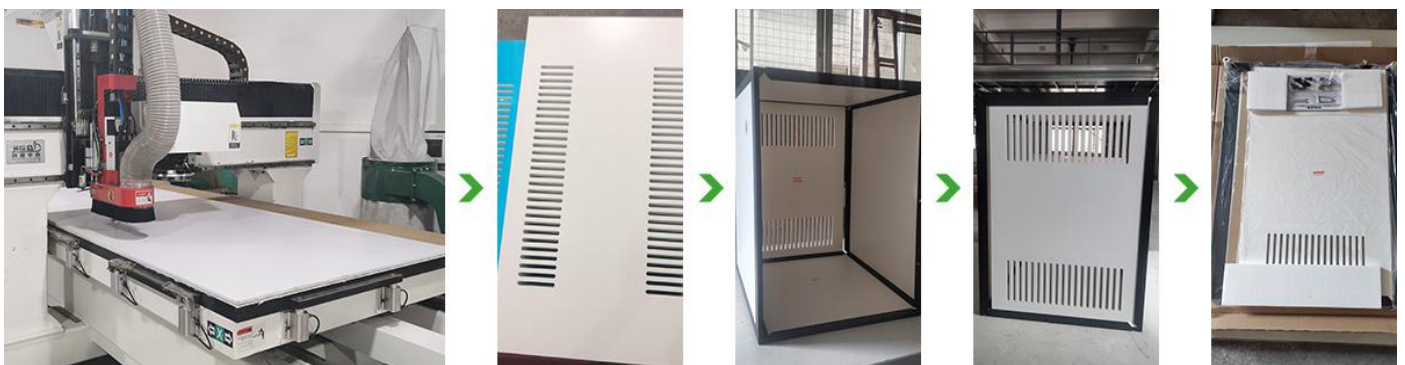
For online shops, home center, retail stores

We are able to provide expanded PVC foam board with common sizes, such as 4'x6', 4'x8', 4'x10', etc., and pack them into individually packages to facilitate distribution and retail. If your product needs to be sold with other accessories, such as hardware, hinge, aluminium profile, etc., we have the advantage of resources and are happy to help you purchase, labelling and custom packaging.



For online shops, home center, retail stores

Supporting services of "products + processing" is our advantage. The PVC foam board can be customized and produced based on your application requirements. We then process the boards according to your needs, test whether the boards meet your standards. Finally to the product proofing and mass production.



Welcome to our website to view more custom services.
www.boardwaybuilding.com/comm22/processing-capacity.htm

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What We Do?

Manufacturing, wholesale and custom processing



Boardway has been one of China's top professional manufacturers of plastic sheets since 2006. For 15 years, Boardway has devoted all its energy to the production of plastic sheets.

We have advanced research and development capability, a stable supply capacity, 8 extrusion production lines for foamed PVC board, which can not only meet the fast delivery, but also meet the orders in large quantity. We also have professional technical support and 24/7 high-quality service.

Custom processing is also what Boardway is good at. We provide customers with customized processing services for all plastic products.

For example, to provide customers in the building and decoration industry with CNC cutting, PUR laminating, sanding, chamfering, etc. Provide silk screen printing, UV printing and die cutting for customers in the advertising industry. Provide customers in the manufacturing industry with thermoforming of thermoplastic materials.



China has a large number of suppliers and different product quality, so how to choose a Chinese supplier? Boardway is willing to help you do supplier selection and resource integration.

We have a natural geographical advantage and can help you to confirm the product quality of each supplier, even visit their factory to check the authenticity. What we can do includes sourcing, prototyping, procurement, module assembly, product testing and improvement.

15

years manufacturing

3

locations

22,000

mt annual output

∞

solutions