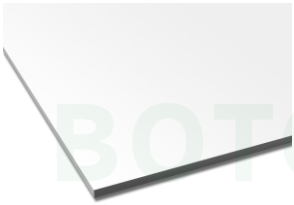
BOTO PLASTICS

REDEFINING THE FUTURE OF CONSTRUCTION BOARD

ANTIMICROBIAL
SOLUTIONS
BOARD & CLADDING

ABOUT BIOBOARD

BIOBOARD combines two ultra-smooth surfaces of solid PVC with a white dense foam core. The rigid, flat, white surface makes it more robust and offering greater scratch resistance than standard PVC foam sheet. The outer skins are extremely flexible, easy to fold but hard to break.

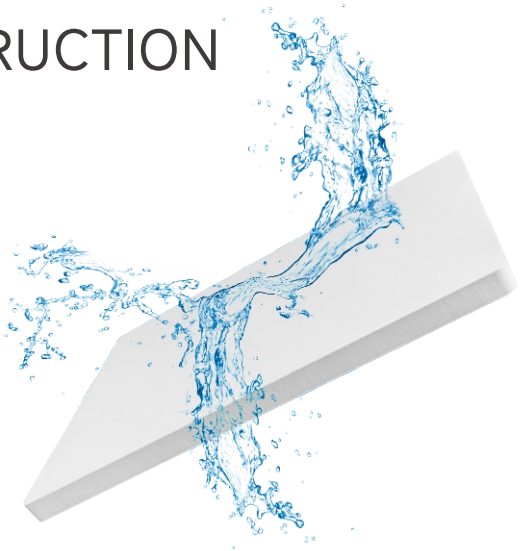


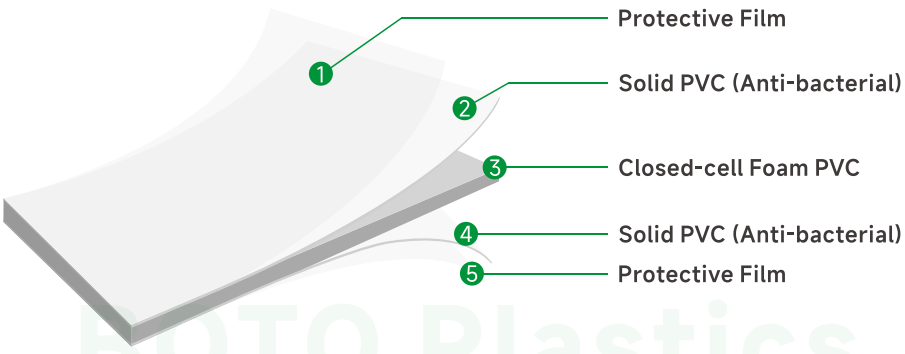
- "BIOBOARD is an environmentally-friendly, sustainable choice; making it a better choice all-round."

QUALITY
IN THE CONSTRUCTION

BIOBOARD can be machined, cutted, routed, profiled and edged.

It's 100% waterproof, offers zero swelling and boasts 2.5x the screw retention, being suitable for tough environments internally and externally.





ANTI-BACTERIAL TECHNOLOGY BUILT-IN

BIOBOARD's smooth outer skins benefit from anti-bacterial technology, which is built-in to guarantee that our boards offer effective and long-lasting anti-bacterial protection. BIOBOARD is effective against a wide spectrum of bacteria, such as MRSA, e-coli, legionella, listeria and salmonella. It is also anti-mildew and waterproof.

BIOBOARD provides a life time warranty to inhibit growth of bacterial with a 99.99% efficiency rate, which means it can stand up to rigorous daily cleaning regimes and heavy-duty usage without any increase in the risk of bacterial.

FEATURES & BENEFITS

BIOBOARD is 100% waterproof. It's also tough, long-lasting, easy to clean and so much more...

100% waterproof

Wood replacement

Scratch resistant

Extremely flexible skins

Direct printable

Sound absorbent

Anti-termite

Non toxic

Anti-mildew

ECO friendly

Anti-bacterial

Fire retardant

- Reduces microbial and bacterial colony formation
  Protects against mold, mildew and fungi
- Fire behavior according to:
  - > BS 476-7, Class 1
  - > NF P 92-501, M1
  - > EN13501, B-s2-d0

APPLICATION REFERENCES

Wall cladding and ceiling panels

Healthcare facilities

Chemical process industries

Sterile surfaces in laboratories

Food preparation industry

Antimicrobial wall protection for laboratories

Animal husbandry

Poultry housing

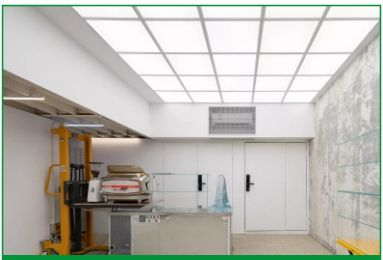
Flood Protection

Sign & Display

Supermarket shelves

Interior partitions

Pharmaceutical



Basement encasement

OUTSTANDING PERFOMANCE
WHERE IT MATTERS MOST

▶ BIOBOARD is also the perfect choice for many other applications, including:

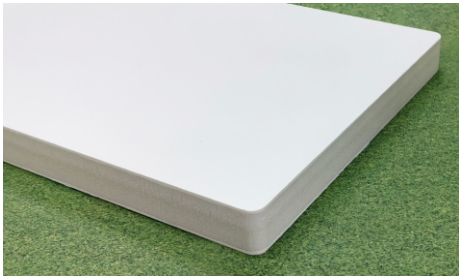
HOME RENOVATION
> Flood resilience
> Basement encasement
> Pet kennel

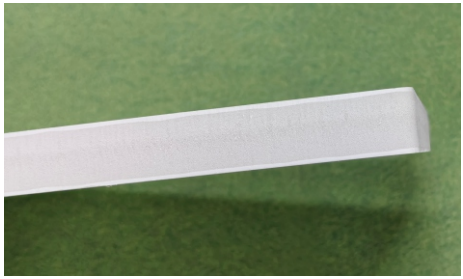
SCHOOL/CARE INSTITUTIONS
> Wall lining
> Bespoke furniture

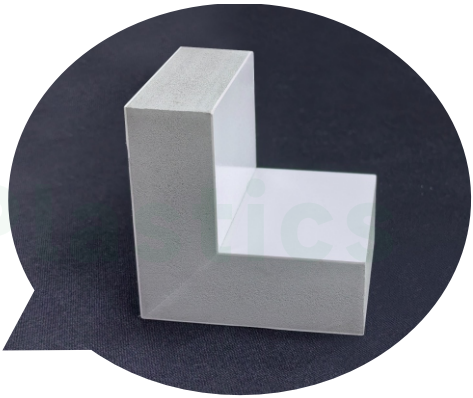
RECREATIONAL VEHICLE
> Infill board
> Cabinetry

Dimensions(mm)

Color	1220x2440	1220x3050
White	6, 10, 16, 18	
Remark	Other colors are available with a MOQ required	







MILLING
FOR PERFECTION

- The unique construction of BIOBOARD enables unparalleled possibilities for curves, profiles and right angles without affecting the surface integrity.

For V Groove Milling/Routing, it is recommended to use a bit specified for bending applications. Such bits offer top angles of 90°, 120°or 135°. For bending applications use the thickness above 10mm BIOBOARD sheets, leave the outer skins of the BIOBOARD which must not be milled.

TRULY PRACTICAL
TRULY UNIQUE

▶ BIOBOARD can be easily handled, cut and fabricated by using conventional tools and equipment; it also can be printed, painted or laminated.

CUTTING

- Use standard wood working equipment for cutting.
- Carbide tipped blades are recommended.
- Do not use fine tooth metal cutting blades.
- Rough edge from cutting may be caused by excessive friction, poor board support, or improper tooling.

DRILLING & ROUTING & MILLING

- Use standard wood working equipment for drilling, routing and milling.
- Remove shavings periodically from a drill hole as necessary to avoid heat build-up.
- Carbide tipped router bits are recommended.
- If nailing products at 32° F or below, pre-drilling is required.

SCREWING AND NAILING

Any type of screw or nail can be used to fasten BIOBOARD material. Power nailers and screw driving equipment are suggested. Inserting the screw or nail in an elongated slot or an oversized hole is recommended so that the material can expand or contract if fluctuations in temperature occur. For best results, use oversized washers or grommets in combination with screws.

PAINTING

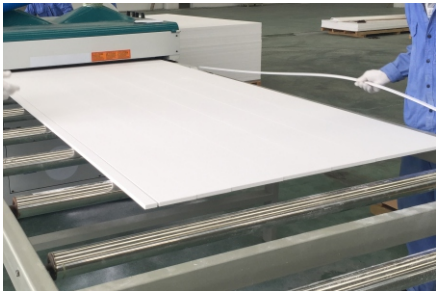
- BIOBOARD material does not require painting but accept and hold paint very well.
- Clean surface prior to painting.
- Always follow the paint manufacturer's instructions.
- 100% acrylic latex paint is recommended.
- Dark color is not recommended.
- Prior to painting, exterior sandable spackle is recommended for filling nail holes.

GLUING

- BIOBOARD material can be both edge and face glued. Before gluing, make sure surfaces are clean, dry and smooth enough to make full contact.
- PVC Cement is recommended, always test adhesive brands before using.
- A combination of glue and mechanical fasteners is recommended, such as “glue and screw”, only glue is not enough to ensure a long-term bond.

INSTALLATION

BIOBOARD is manufactured as a Co-Extruded PVC product with a directional grain running the entire length of the sheet. This manufacturing process gives BIOBOARD greater flexural strength in the direction of the extrusion. The grain of the BIOBOARD should always be installed perpendicular to the fastening point.



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