

USING POLYBOARD

Machining

PolyBoard can be machined using standard wood machining tools. They can be cut using hand, circular, table, and jigsaw blades. Thin boards up to 6 mm thickness can be cut using a art/utility knife.

Thermobending

PolyBoard can be bent by heating the specific region between 90°C to 110 °C. It is recommended to use a PVC heat gun or a PVC hot air gun. Once the board has thermoformed hold it in position for at least 30 min to let board take permanent form.

Painting

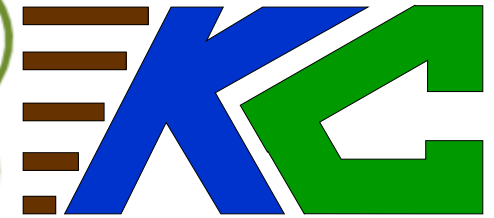
The boards smooth surface allow it be directly painted without any prep work like sanding in plywood. Polyurethane based paints give best results

Adhesives

Surface-Surface bonding can be done with uPVC solvent cement.
Edge-Surface or Edge-Edge is best achieved using a cyanoacrylate based adhesive.
Laminates and Films can be applied using Synthetic Rubber based adhesive.

Screwing

Full thread wood screws are strongly recommended without any pre-drilling.



KAPADIVAV
COMPOSITES
PVT LTD

Manufacturers of PVC Foam Sheet

POLYBOARD

**One step forward towards
a greener future**

**GUJARAT
INDIA**



APPLICATIONS

Construction

- * Wall panels/ Partitions
- * False ceilings
- * Doors
- * Shuttering
- * Theatre and stage sets

Marine/Wet Areas

- * Wet quay construction
- * Boat furniture
- * Access panels in wet area
- * Lavatory and bathroom cubicles

Advertising

- * Indoor/Outdoor sign boards
- * Exhibition stall panels
- * Cut outs
- * Models, architectural prototypes
- * Substrate for signs –screen printed, painted, laminated; ideal for vinyl letter application

Furniture

- * Chairs, stools, tables, benches, desks
- * Cabinets, drawers, cupboards
- * DIY Furniture Flatpack sets
- * Modular Furniture Industry
- * Direct Wood replacement
- * Any Indoor Furniture

BENEFITS

- Waterproof
- Insect Proof—Termites, Borers, Pests
- Environmentally Friendly
- Good mechanical performance
- Excellent chemical resistance
- Lightweight
- Rustproof and Rot proof
- Durable
- High Rigidity
- Good thermal insulation
- Machinable – Milling, Turning etc
- Hygienic
- Tough
- Non-flammable and Self-extinguishing
- Printable and Paintable
- Easily fabricated by readily available techniques and tools
- Accommodates most fixing systems (screws, nut & bolts, glue)
- High quality smooth finish on both sides
- Non toxic
- Weatherable

WHITE	BLUE	GREEN
GREY	RED TERRACOTTA	RED CHERRY
COFFEE BROWN	ORANGE	YELLOW
CARBON BLACK	IVORY	

Colours are for representation.
Minimum quantity applies for Custom Colours.

THICKNESS AVAILABLE
5MM 6MM 9MM 12MM 18MM

DEALER