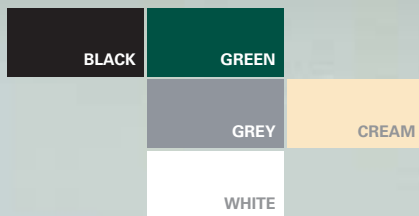


Lightweight and waterproof



5 NEW COLOURS



Plaspanel® are strong yet lightweight panels manufactured from recycled plastic using a unique moulding process. Plaspanel is waterproof so they do not rot, swell, delaminate, deteriorate or absorb moisture. The smooth, non-stick surface cleans easily and is difficult to graffiti. They are rustproof, chemical, bacteria and mould resistant. The acoustic properties are similar to brick so they are ideal for many applications. Best of all, Plaspanel is easy to work with and can be welded, drilled and mechanically fixed with standard tools. Try the future in flat sheet panels yourself. It's like water off a duck's back.

www.plaspanel.com

Plaspanel®

Multi-purpose plastic panels



Product description

Plaspanel multi-purpose panels are flat sheet panels manufactured from recycled plastic waste in high density polyethylene (HDPE). The manufacturing process produces flat sheet panels that offer a number of distinct benefits over comparable flat sheet products.

Product applications

Agricultural

- Nursery Propagation benches
- Planter boxes
- Grass root barriers
- Garden bed edges
- Irrigation troughs and channel liners
- Produce bins
- Animal breeding pens

Building and Construction

- Joinery and fitouts in wet areas
- Formwork
- Access floors
- Theatre and concert staging
- Industrial water proofing
- Eaves and soffit linings
- Shower and cubicle partitions

Furniture

- Tables and Trestles
- Counter tops
- Laboratory bench tops
- Playground equipment

Manufacturing

- Moulding boxes for concrete products
- Signage
- Machinery enclosures
- Conveyor wear strips
- Noise Barriers
- Fume cupboards

Marine

- Pontoons, marinas and jetties
- Boat decks
- Bulkhead and trims
- Seat backs and bases

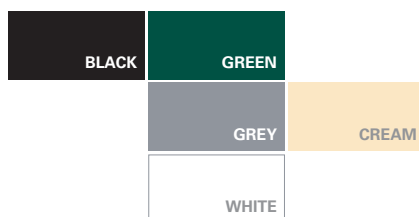
Materials handling

- Storage bins
- Van and truck linings
- Food pallets and bins
- Protective packaging

Product Details

Size	2440 mm x 1220 mm					
Thickness (mm)	9	12	15	19	25	32
Weight per panel (kg)	22	28	31	37	47	58

Colours



Other colours can be manufactured to specific order.
Print colours may vary slightly from actual product colour.
For complete satisfaction contact us for a free sample.

Manufacturing Tolerance

Length	+1.5 mm, -1.5 mm
Width	+1.5 mm, -1.5 mm
Thickness	5.00%
Diagonal	0.02%

Fixing and Installation

Plaspanel multi-purpose panels can be drilled, routed or sawn with standard wood working tools. Consideration should be given to thermal movement of the panel during installation as the panel can expand approximately 6 mm along the 2440 mm dimension through 40°C temperature change.

Screw holes should be drilled oversized to allow for movement, the larger you can make the hole and still fasten securely, the better the installation. Satisfactory adhesive bonds can not generally be achieved with polyethylene (PE) formulation panels.

Heat Welding

A major advantage of Plaspanel is the ability to mitre cut, fold, and heat weld. Making them ideal for quick seamless fabrication on-site or off-site.

Fasteners

In general it is recommended to use flat fasteners. Small headed nails and screws with cutting flutes under the head are likely to produce inferior pull through resistance. Plain head screws are preferable while self embedding screws should be avoided.

Painting

Plaspanel can not be painted with conventional paint systems.

Material Safety Data

This product is not classified as hazardous according to criteria of Worksafe Australia. All work with these panels should be carried out in such a way as to minimise the generation of shavings and fines. Excessive levels of shavings and fines may present a slippage hazard on hard surfaces. General use safety glasses and a replaceable filter or disposable half face respirator should be worn when machining.

Recycling

The manufacturing process not only produces panels from plastic waste but the panels can themselves be recycled. Off-cuts and general waste material should be placed in containers separate from other waste for recycling.

Storage

Keep stock clear of the ground and away from sources of heat, flame or sparks. Store panels flat and fully supported.



Available from:

www.plaspanel.com

