



LUXEPANELS™

Premier Range

Discover the Future of Interior Surfaces with LuxePanels™ Premier Range

Developed with contemporary interior spaces in mind and utilising premium materials, LuxePanels™ are engineered to endure the test of time. Striking the perfect balance between aesthetic appeal, functionality, and lasting durability is paramount in design.

Key Features

- Fingerprint-resistant & supermatt finish
- Soft-touch finish that's both easy to clean and maintain
- Highly scratch-resistant
- Choose from 10 modern, solid color decors
- Every colour available with precisely matched edging for a seamless look.
- All sheets are protected with a clear film, to prevent scratches in transit & manufacturing. To be removed onsite once installed.
- Easy to fabricate and install.
- Proudly made in Australia, embodying quality and craftsmanship

Scope of use

Ideal solutions for for kitchens, cabinetry, wardrobes, caravans/RV's and commercial spaces.

Limitations on use

For interior use only.

FOIL PERFORMANCE

Tensile Strength(N/cm²)
Horizontal, 5 500
Length, 5 470

Tear Strength(N/CM)
Horizontal, 3 370
Length, 3 030

Scratch Resistance
H ~ HB

TECHNICAL SPECIFICATIONS SUBSTRATE





















Density MR MDF – average 800kg/m³

Density Lightweight Plywood - average 350kg/m³

MR MDF Class - EN 622-5

Lightweight Plywood Class - EN 636-1

Dimensions

| Thicknesses | MR MDF | | | Lightweight Ply |
|-------------|---|---|---|---|
| | 2400 x 1200mm | 3000 x 1200mm | 3600 x 1200mm | 2440 x 1220mm |
| 3mm |  | | | |
| 3.6mm | | | |  |
| 6mm | | | |  |
| 9mm |  | |  |  |
| 12mm |  | | |  |
| 15mm | | | |  |
| 16mm |  |  |  | |
| 18mm |  |  |  |  |
| 25mm |  | |  | |
| 32 mm |  | |  | |

- Colour-Matched Edging: Available in all colours, with widths of 22mm, 28mm, and 55mm
- Double-Sided (G2S): All colours offered with the same Premier finish on both sides.
- Downgrade Back (DGB) Option: White, Black, Charcoal, and Soft Grey feature a LuxePanels Premier finish on the front and match standard vinyl back.
- 3mm is available in Standard MDF only.

Handling and storage

It's best to store the panels flat, as they were delivered, using at least three supporting bearers as shown below. Avoid storing them in a standing position, either vertically or horizontally, as this may cause bowing or twisting, which wouldn't be considered a product fault.

Cleaning Recommendations

Panels should be cleaned with a warm damp cloth, diluted soap solution, if necessary, avoid using any abrasive cleaning solutions or tools.

Tips for Processing

Sawing, Milling, Edge Banding, or Drilling: you can process BRG LuxePanels in many different ways. This guide shows you how to do it right. We recommend that the protective foil is not removed during this process.

Skillful Sawing

- Set the protrusion (the distance between the upper tooth & panel surface) between 15 & 25mm, depending on the diameter of the saw blade & the number of teeth.
- Use preferably;
a combination of a main saw and a pre-scoring or scribe saw.
Trapezoidal teeth, possibly in combination with flat teeth
Teeth made from polycrystalline diamond or tungsten carbide for long durability.
- Take into account the age of the saw blade specified by the manufacturer. Sharpen or replace the blade in time.
- Cut the panels with a feed rate of 10 to 30m/min and with the decorative or preferred side upwards.
- Recommended Blade Speed 4500 RMP, Scribe Blade Speed 8000 RPM
- Avoid vibrations by exerting sufficient pressure on the panels while sawing.

Metliculous Milling

- Work with a milling machine, CNC milling table, or CNC machine to obtain optimum results.
- Use preferably:
 - a diamond-tipped cutter-head with a cutting angle between 30° and 70°
 - diamond-tipped compact hoggers
 - diamond-tipped routers
- Ensure that the cutting pressure of the cutting blades/teeth is always directed towards the panel:
 - Point the cutting blades/teeth downwards to cut the upper side
 - Point the cutting blades/teeth upward to cut the underside
- Recommended Spindle Speed of 18,000 RPM
- Recommended Route Speed of 18 metres per minute
- We recommend two passes.

Excellent Edging

- Our recommendations on milling also apply when using an edge banding machine
- Our recommendation is that the thickness of the premill trimming unit matches that of the edge tape
- Allow for minimum 5mm extra edge tape width on top of the panel thickness for a clean finish (e.g. 18mm panel thickness 23mm edge tape). After gluing, the excess will be cut off.

Dexterous Drilling

- Preferably use a carbide drill bit or one with a carbide tip
- Select a type of drill that is appropriate for the work to be carried out (e.g. dowel drill, through-hole drill, hinge drill)

