

Cutting

MultiPanel is easy to cut, drill and route with standard wood working tools. MultiPanel is very easy to water jet cut and CNC machine.

Sheet joining

Sheets of same thickness can be butt joined, mitered, tongue and grooved and finger jointed using polyurethane based glues. When joining sheets, please square up all edges. MultiPanel supplies and recommends polyurethane glue. Prior to applying glue blow off all surfaces to remove all dust.

Apply glue to one surface and clamp together. Please note – glue is the primary source of adhesion. Allow drying according to glue manufacturers instructions, then lightly sand join prior to finishing. Seal all gaps at corner joints using a 2 pack filler.

Fixing

To fix panels either glue and nail or glue and screw together. When fixing to a timber frame, fastener penetration should be at least 38mm with corrosion resistant nails or screws counter sunk into panel face. Then apply a 2 pack flexible filler to smooth over surface.

Stud spacing

Stud spacing will vary depending on thickness of sheets and job application.

Safety

MultiPanel is a non-toxic, non-carcinogenic material and is not considered harmful, however inhalation of dust produced during cutting should be avoided. Eye, ear and mouth protection should always be worn whenever cutting or sanding MultiPanel.

Solvents

Wiping with solvents will not effect the surface of the product however avoid prolonged exposure.

Heat and bend

Apply standard heat gun, or heat lamps for larger areas. Place over mould to bend and shape, then hold until cool.

Finishing

All sheets are supplied by MultiPanel sanded using a calibrated sander and are ready for finishing. Blow off surface to remove all dust prior to painting, texture coating, laminating, veneering or fiberglassing. If exposing both sides of the product please note it is a characteristic of the product to have air pockets under surface on one side resulting in “A” and “B” sides. Holes will not compromise the integrity of the panel. MultiPanel is compatible with a wide variety of finishes including texture coating, acrylic paints, fiberglass, laminates, timber veneers, granite, corian, tiles, stonework, stainless steel and other metal finishes,

Please note if exposing both sides fill any air pockets on “B” side with a 2 pack finishing putty then coat over with 2 pack hi build primer system.

Storing sheets

Panels should be stored flat, out of direct sunlight and kept dry and clean.

How to Use DVD also available

For helpful hints prior to the commencement of your next project please call MultiPanel to arrange for a free “How to Use” DVD.



Features and Benefits

- 100% waterproof - will not rot - save on costly replacement materials and labour costs.
- 70% lighter than Marine Ply easy to handle, transport and install.
- Excellent insulation & acoustic properties.
- Easy to use - glue and screw. Easy to cut with standard wood working tools, waterjet cut and CNC machine. Versatile - easy to heat and bend.
- MultiPanel is an energy efficient, eco friendly and specified product.
- Limitless design applications, interior and exterior. MultiPanel is a flexible material, however once laminated increases stiffness and toughness while optimising weight.
- Fire retardant properties.
- Strong and durable- stronger than traditional foam alternatives.
- Costs are competitive compared to traditional building materials such as MDF, particle board, marine plyboard and PVC panels.

MultiPanel's Core is 3 times as strong as the leading competitors

Comparative Weight: MultiPanel 13 lbs/ft³ versus Divinell, Klegecell, Diab, Corecell 5 lbs/ft³
After a square meter of both are fibreglassed they actually weigh the same weight:

1. MultiPanel uses 10% less resin than the others.
2. The other products have more surface holes so they have to use more resin.
3. The cost of the resin is more.
4. By using more resin this also adds the weight on. Also adds the cost on.
5. Conclusion both panels weigh the same, but MultiPanel provides a core that is 3 times as strong.

Lightweight, waterproof, versatile panel that bends

