



Technical Specifications



Standard Sizing

We offer Kiwi customers a 600 x 300mm standard Micropanel via our Micropanel Packs, all tailored for professional and hobbyist laser cutting machines.



Formaldehyde Free

All adhesives used in the manufacturing process of our Micropanel Plywood range are formaldehyde free, making it safe for use in classrooms, design studios and anywhere else you might find yourself working.



No Core Gaps

Free of core gaps, our Micropanel range eliminates the buildup of air bubbles which cause the wood to bubble and crack when paired with the intense heat of a laser cutting machine.



Perfect Density

Plyco's Micropanel range is the perfect density for laser cutting, with a perfectly engineered 3mm panel thicknesses.

Meet Micropanel

THE MIGHTY MDF LASER CUTTER

Micropanel is a collection of Plyco's most popular Veneered MDF products that have been adapted for use with laser cutters. It's quite similar to our Laserply range, however, instead of using a plywood core it uses an MDF core.

Each Micropanel product comes without any core gaps. This allows for a smoother cutting experience, as core gaps can create air bubbles during the laser cutting process, leading to cracks in the wood causing serious problems. Similarly, the density of each sheet has been carefully calibrated in the same way as our Laserply range.

Due to the natural versatility of products that can take advantage of a laser cutter, Micropanel sheets can be used to create anything from jewellery, signage, 3D models, or even handbags. The benefit of laser cutting means you can create shapes and projects that other timber products aren't physically capable of.

For an overview of our carefully selected veneers available in our Micropanel range, read more about the collection below.

Micropanel Product Range

THE EPIC EIGHT

Tasmanian Oak

Australian Species

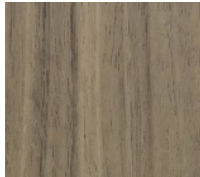
Light straw appearance with soft shades of pink.



American Walnut

American Species

A gorgeous rich chocolate brown with dark, purplish streaks.



Carbonised Bamboo

Asian Species

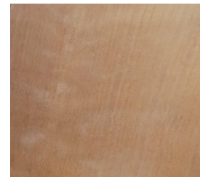
A wonderfully caramelised brown with a fine, dense grain.



Tasmanian Myrtle

Australian Species

A striking brown with rich, almost orange tones.



Queensland Jarrah

Australian Species

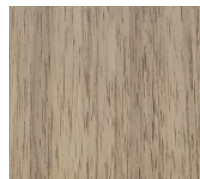
A reddish brown to a terracotta, typically with a rough texture.



Tasmanian Blackwood

Australian Species

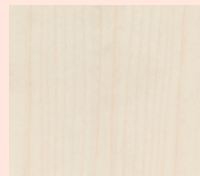
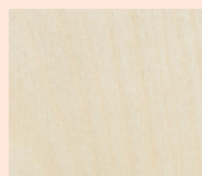
Rich golden browns with honey brown sections.



Birch & Rock Maple

European / American Species

Timeless European Birch & contemporary Rock Maple add a lighter touch.



Product Benefits



Knowledge Base

Combined with expert advice, we offer Micropanel customers a growing online platform for sharing information on applications and project inspiration.



Custom Quantities

Both a manufacturer and supplier, Plyco offers department leaders the flexibility to purchase either single, Micropanel Pack or large commercial volumes.



National Shipping

From Auckland to Invercargill, Plyco's full range of Micropanel products are available for flat rate courier shipping anywhere in New Zealand.



Responsibly Sourced

All products are either from FSC Certified sources or are sourced from sustainably managed forests, as recognised by the international Forest Stewardship Council.