

PRODUCT

Code:

Clearboard Panel

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Clearboard: is a range of vertical grain solid edge glued DIY panels that provide clear, knot-free grain in lengths of up to 1820mm.

Japanese Reference Sizing Chart – DIY Panel

Clearboard DIY Panel is available in the following profiles and sizes:

Thickness (mm)	Width (mm)
14	200
14	250
14	300
14	350
14	400
14	450
18	200
18	250
18	300
18	350
18	400
18	450
30	600
30	750

Lengths (mm)
600
910
1200
1500
1820



Fig. 1 Vertical grain of timber panel



From our Forests to your Home

We grow the trees in our own forests, mill the timber, and manufacture the end product; providing you with a single point of trust.

The Clearboard range is manufactured from Plantation Grown Radiata Pine Trees grown in New Zealand. The branches on the lower 6 metres of the trees are pruned off during their 30-year growing cycle to produce long clear lengths of wood to be used in these Premium Panel Products.

Radiata Pine seedlings were imported from Monterey, California back in the early 1930's and have established well in the NZ climate. Radiata Pine grows productively with the warm days and cool nights of the NZ coastal climate.

The Select Grade Vertical Grain Pine Panel is made by ripping clear lengths of 44 x 100mm board down into 44 x 22mm wide strips and then edge gluing them back together to form the wide panel. The panel is precision end trimmed to length then precision sanded to give a consistent surface finish. Having the narrow strips stops any cupping or movement occurring in the panel in service.

The Clear Select Grade Pine Panel can be used in a wide range of interior furniture or interior DIY projects and renovations. The Panel is not designed for exterior use where it would be subject to water.

Features and Benefits

1. **SOLID WOOD STRENGTH:** The solid pine panel will not deflect under loading like MDF or chipboard – so in shelving applications the shelves do not dip and buckle when loaded.
2. **SOLID WOOD WORKABILITY:** The Solid Pine cuts, drills, machines, glues much easier than PLY or MDF. Routing profiles into either the edge or end grain produces very smooth and quality results even for a novice handyman. There is no need to add glued clashing strips to the cut edges, as the panel is solid throughout with no change in density or finish.
3. **CONSISTENCY OF GRADE:** The panel is a premium clear grade so boards can be combined in a renovation or project without there being knots or blemishes appearing in the finished project. Stock turns on FIFO basis without customers needing to pick over a whole rack of panels to find the “one they like”.
4. **FINISHING:** Radiata Pine is the most adaptive softwood species for staining to different colours. The very low resin content of Radiata Pine means that any colour stains applied soak in evenly and produce a very consistent finish. MDF absorbs stains very inconsistently and needs many additional coats until a consistent coverage is achieved.
5. **DURABLE:** The panel is primarily designed for interior applications but can withstand infrequent wetting without any loss of strength or size.
6. **ECO FRIENDLY:** The panel is made from certified sustainable plantation forests in New Zealand. These forests are managed under strict guidelines set by the internationally recognised Forest Stewardship Council (FSC).
7. **COST EFFECTIVE:** The panels are made in an automated production facility which means that the retail price point is still very competitive to a furniture manufacturer compared to them making up a single laminated panel for their application.

