

# Superfine™ Particleboard

Superfine™  
Particleboard



Superfine™ Particleboard is available in two grades:

1: Superfine™ is a fine uniform surface medium density, resin bonded particleboard, especially developed for overlay use in furniture and joinery and is available in a large range of thicknesses from 9mm to 30mm.

Superfine™ is specially designed as a substrate for the following applications:

- Low pressure melamine overlays (LPL)
- High pressure laminates (HPL)
- Wood veneer overlays
- D.A.P or vinyl overlays
- Paint finishes
- Furniture components
- Commercial shop fittings

2: Superfine™ MR (Moisture Resistant) is a fine uniform surface medium density, resin bonded particleboard, especially developed for overlay use in furniture and joinery and is available in a large range of thicknesses from 9mm to 30mm. It provides additional resistance to the effects of moisture in areas subject to high humidity.

Superfine™ MR is specially designed as a substrate for the following applications:

- Bathroom vanity units and laundry cupboards
- Bench-top substrates
- Cabinetry in tropical and laboratory locations.
- All of the above Superfine™ applications
- Superfine™ Particleboard is made to meet or exceed the requirements of AS/NZS 1859 Part 1 (2004).
- Superfine™ Particleboard is available in LFE (Low Formaldehyde Emission) EI substrate
- A commercially viable and environmentally preferable range of products without compromising design flexibility.
- All Superfine™ products have been awarded the Environmental Choice New Zealand License.

PRODUCT	PANEL OPTIONS		SUBSTRATE AVAILABILITY
	THICKNESS	SHEET SIZES	EI
Superfine™ Particleboard	Available from 9mm to 30mm	Available in a range of sizes	✓
Superfine™ MR	Available from 12mm to 30mm	Available in selected sizes	✓

## SUPERFINE™ PARTICLEBOARD

THICKNESS (mm)	9	12	15	16	18	25	30
Density* (kg/m <sup>3</sup> )	660	660	660	660	660	640	620
Board Weight (kg/m <sup>2</sup> )	5.94	7.92	9.90	10.56	11.88	16.00	18.60

## SUPERFINE™ MR

THICKNESS (mm)	12	15	16	18	25	30
Density* (kg/m <sup>3</sup> )	660	660	660	660	640	620
Board Weight (kg/m <sup>2</sup> )	7.92	9.90	10.56	11.88	16.00	18.60

\*The Laminex Group reserves the right to change specifications.

For detailed physical properties, please refer to the Superfine™ Particleboard product brochure available from The Laminex Group.



Superfine™ panels are licenced by ENVIRONMENTAL CHOICE NEW ZEALAND.

Printed on recycled paper. Image courtesy of Forest Products Commission.

another trade essential from  
**THE laminex GROUP™**

### **The Management of Wood Fibre Sources**

- The wood fibre source for our New Zealand made particleboard comes from privately owned managed plantations.
- Our major source of wood supply is the Lake Taupo Forest.
- The Laminex Group continues to pursue opportunities for Forest Stewardship Council (FSC) chain of custody certification for the supply of its wood fibre in New Zealand.

### **Wood Fibre Source for Superfine™ Particleboard & Superfine™ MR**

Superfine™ Particleboard is manufactured at the Taupo particleboard mill.

Pre-consumer recycled and reclaimed wood is used exclusively in the production of Superfine particleboard giving this product a high “eco-preferred” content.

The wood fibre used is constituted as follows:

Wood species is almost exclusively Pinus Radiata from Central North Island plantations.

Pre-consumer recycled content 100%

### **Reduced Emissions for Better Indoor Air Quality**

- The Laminex Group manufactures particleboard panels which comply with the low formaldehyde emission level EI defined in AS/NZS 1859 Part 1 (2004) for particleboard, putting them amongst the best in the world.
- Superfine™ Particleboard can be finished with a number of surface coatings including but not limited to paints, veneers, laminates, paper and vinyl foils. Designers should investigate the environmental attributes of their preferred finish and the glues used to bond the surface to the particleboard, as this will determine the potential impact on the indoor air quality.

### **Product Durability**

- The serviceable life of the product will depend on its application and the surface finish applied to the product. When stored, handled, used and maintained in accordance with current technical literature in its intended application, the product will meet the durability requirements of NZBC B2.3.1(c).

### **Modularity & Flexibility**

- The standard panel sizes of Superfine™ Particleboard are well adapted to practical requirements, so cutting can be optimised and waste kept to a minimum.
- Panels are self-supporting and can be decorated by painting, laminating and veneering.
- Finished panels can be assembled using mechanical fixing systems.
- Furniture and joinery made with Superfine™ Particleboard can be disassembled, reused, refurbished or easily replaced.

### **Product Stewardship**

The Laminex Group is committed to exploring commercially viable environmental programs, and is investigating processes and technologies to collect and re-use its products after the end of their serviceable lives.

### **Green Star NZ Office Design Compatibility**

IEQ 14 - Formaldehyde Minimisation

If 100% of composite wood panels used are Superfine™ Particleboard or Superfine™ MR, use of the products will contribute towards achievement of 1 credit point.

MAT 8 - Sustainable Timber

If 100% of composite wood panels used are Superfine™ Particleboard or Superfine™ MR, use of the products will contribute towards achievement of 2 credit points.

Superfine™ Particleboard has been awarded the Environmental Choice New Zealand (ECNZ) licence and meets the criteria for the Forest Stewardship Council (FSC) certified timber set in the ECNZ Furniture and Fittings standard.