

**Class 1**
**Trade Essentials<sup>®</sup> Superfine<sup>®</sup> Particlebaord**
**Building Products Information Requirements | Info. Sheet**
**Version:** Trade Essentials<sup>®</sup> Superfine<sup>®</sup> Particleboard | V1 15.09.23

<b>Product name</b>	Trade Essentials <sup>®</sup> Superfine <sup>®</sup> Particleboard (PB) Trade Essentials <sup>®</sup> Superfine <sup>®</sup> Particleboard MR
<b>Product line</b>	N/A
<b>Product identifier</b>	Trade Essentials <sup>®</sup> Superfine <sup>®</sup> Particleboard (PB) Trade Essentials <sup>®</sup> Superfine <sup>®</sup> Particleboard MR

**Place of manufacture**

<b>Aotearoa New Zealand</b>	✓
<b>Overseas</b>	

**Product description**

Superfine<sup>®</sup> and Superfine<sup>®</sup> are medium density, grainless, resin bonded particleboard panels which have a fine uniform surface.

Superfine<sup>®</sup> and Superfine<sup>®</sup> MR panels are manufactured at Laminex<sup>®</sup> Taupo using renewable New Zealand Radiata Pine saw dust and shavings from a neighbouring sawmill which are bonded together under heat and pressure. The Superfine<sup>®</sup> adhesive is urea formaldehyde and the Superfine MR<sup>®</sup> adhesive is melamine urea formaldehyde.

The resulting particleboard panels are sanded, cut to size and ready for use.

Superfine<sup>®</sup> PB and Superfine<sup>®</sup> PB MR has a density range of 600kg/m<sup>3</sup> to 650kg/m<sup>3</sup>.

***Superfine<sup>®</sup> PB and Superfine<sup>®</sup> PB MR thicknesses and board weight per unit area.***

<b>Thickness (mm)</b>	9	12	16	18	25	30	35
<b>Kg/m2</b>	5.85	7.83	10.54	11.71	15.78	18.47	21
<b>Average mass for 2440 x 1220</b>	17.41	23.22	30.96	34.83	46.88	54.48	62.51

- Refer to Availability Guide and Technical Manual for sheet sizes.

Note: All dimensions and measurements are nominal.

## Relevant building code clauses

B1 Structure — B1.3.1, B1.3.2, B1.3.3 (j), B1.3.4

B2 Durability: Performance B2.3.1 (c) 5 years.

C3 Fire affecting areas beyond the fire source — C3.4 (a)

F2 Hazardous building materials — F2.3.1

## Contributions to compliance

Where Superfine PB and Superfine MR PB with a thickness of 9, 12 and 16mm is used as an interior wall lining & ceiling lining, where fire performance as detailed in NZBC Clause C - Protection from Fire, is required. Please refer specifically to:

C/AS2 -C3—fire affecting areas beyond the fire source C3.4 (a) Adequacy has been determined by applying the values in Table C1.2, Appendix C (normative): test methods. Refer to Superfine fire test report 7-590428-CV for thicknesses 18, 25, 30 & 35mm.

B2 Durability: Performance B2.3.1 (c) for 5 years When stored, handled, used and maintained in accordance with the LakePine Technical Manual panels will meet these requirements.

Superfine PB and Superfine MR PB is manufactured to the specifications stated in AS/NZS 1859.1:2017 Particleboard, and tested in accordance with AS/NZS 4266.1:2017

## Scope of use

Superfine PB and superfine MR PB is for interior use only and is designed as a substrate for:

- low pressure melamine (LPM) overlays
- Wood veneer overlays
- High pressure laminates (Formica / Laminex HPL)
- Vinyl overlays
- Paint finishes (clear finishing not recommended)
- Residential and commercial cabinetry

Superfine MR PB is designed for everything listed above, plus;

- Kitchen cabinetry
- Bathroom vanity units and laundry cabinetry
- Benchtop substrates
- Cabinetry in tropical and laboratory locations
- Wall linings (when specific installation instructions are followed).

Superfine PB and Superfine MR PB as a wall lining can be fixed using mechanical fasteners and adhesive or a third party concealed mounting system. For fabrication and installation please refer to LakePine Technical Manual and / or the Melteca FR TDS

## Conditions of use

Superfine® PB and Superfine MR PB is intended for dry interior use only. Superfine MR PB is designed to give improved durability and performance in areas of high humidity. It is not waterproof and therefore must not be allowed to come in direct contact with water.

Superpine PB and Superpine MR PB is not intended for use in:

- Exterior locations
- As a substrate for clear (polyurethane) coatings
- Areas subject to repeated spillages or extreme dampness
- Marine applications
- Exterior door panels
- Not fire rated as part of a fire protected boundary or fire wall.

## Supporting documentation

The following additional documentation supports the above statements:

Title (type)	Version	URL
<b>Superfine PB - MR PB Technical Manual</b>	Edition 2.0 05.21	<a href="#">Click here</a>
<b>Superfine PB - MR PB Warranty</b>	August 2021	<a href="#">Click here</a>
<b>Superfine PB – Safety Data Sheet</b>	21 October 2019	<a href="#">Click here</a>

Superfine PB Fire Test Report (18mm)	7-590428-CV	<a href="#">Click here</a>
Superpine availability guide	14 July 2021	<a href="#">Click here</a>

## Contact details

<b>Manufacture location</b>	<b>New Zealand</b>
<b>Legal and trading name of manufacturer</b>	Laminex New Zealand a division of Fletcher Building Products Limited
<b>Manufacturer address for service</b>	810 Great South Road Auckland 1061
<b>Manufacturer website</b>	<a href="http://Laminex.co.nz">Laminex.co.nz</a>
<b>Manufacturer NZBN</b>	9429037626969
<b>Manufacturer email</b>	<a href="mailto:CSC@laminex.co.nz">CSC@laminex.co.nz</a>
<b>Manufacturer phone number</b>	0800303606

## Warnings and bans

Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?

**No**

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