

# Formica® Melteca® on Superfine™ Particleboard



- Standard particleboard (Superfine™) factory laminated with hardwearing melamine surfaces suitable for vertical applications.
- Can be used for furniture and joinery applications away from high humidity.
- Applications include furniture, storage units, shelving, wall linings and general joinery work.
- There is a large choice of colour options available.
- Formica® Melteca® on Superfine particleboard is available in LFE (Low Formaldehyde Emission) EI substrate.
- Moisture resistant (MR) substrate option is available for high humidity applications (refer to product availability chart).
- A commercially viable and environmentally preferable range of products without compromising design flexibility.
- Formica® Melteca® has been awarded the Environmental Choice New Zealand Licence.

PRODUCT	COLOUR RANGE	PANEL OPTIONS		SUBSTRATE AVAILABILITY	
		THICKNESSES	SHEET SIZES	EI	EI MR
Formica® Melteca® on Superfine Particleboard	Refer to current product availability chart	9,12,16,18, 25, 30mm	2440 x 1220mm 2440 x 1830mm	✓	✓

Formica® Melteca® on Superfine™ Particleboard						
THICKNESS (mm)	9	12	16	18	25	30
Density* (kg/m <sup>3</sup> )	660	660	660	660	640	620
Board Weight (kg/m <sup>2</sup> )	6.1	7.9	10.6	11.9	16.2	19.8

\*The Laminex Group reserves the right to change specifications

For detailed physical properties, please refer to the Formica® Melteca® product brochure available from The Laminex Group.



Formica® Melteca® panels are licenced by ENVIRONMENTAL CHOICE NEW ZEALAND.

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



## 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 Formica® Melteca® on Superfine™ Particleboard

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%

## Paper Source for Formica® Melteca®

- Decorative papers used to decorate Formica® Melteca® are sourced from several suppliers from Europe, Asia and USA.
- Our suppliers use wood pulp from managed timber plantations.
- Heavy metals are not present in the inks used for paper supplied to The Laminex Group. We specify use of ECF – Elemental Chlorine Free bleached pulp for decorative papers.

## 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.

## 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.

- Formica® Melteca® on Superfine particleboard products emit formaldehyde well below the workplace exposure limit set by Occupational Safety and Health New Zealand.
- Formica® Melteca® emits very low traces of Volatile Organic Compounds (VOC's).

## Product Durability

- Formica® Melteca® is a self supporting panel with a high wear surface suitable for vertical application.
- The serviceable life of the product will depend on its application. When stored, handled, used and maintained in accordance with current technical literature, the product will meet the durability requirements of NZBC B2.3.1 (c).

## Modularity & Flexibility

- The standard panel sizes of Formica® Melteca® are well adapted to practical requirements so that cutting can be optimised and waste kept to a minimum.
- Panels are self supporting and decorated on two sides. Panels can be cut, edged and assembled using mechanical fixing systems. Furniture and joinery made with Formica® Melteca® can be disassembled, reused, refurbished or easily replaced.

## Green Star NZ Office Design Compatibility

IEQ 14 - Formaldehyde Minimisation

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

MAT 8 - Sustainable Timber

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

Formica® Melteca® on 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.