

MELTECA®

Decorated Board

TECHNICAL INFORMATION

DESCRIPTION

Melteca® is a tough melamine surface laminated to Superfine™ particleboard or Lakepine medium density fibreboard (MDF) to provide a double faced, pre-finished decorative panel.

Melteca® is available in four different finishes and a range of colours, patterns and woodgrains. These are presented in the Melteca® colour brochure.

COMPOSITION

Sheets of melamine impregnated overlay are bonded to both sides of either Superfine™ particleboard or Lakepine medium density fibreboard substrate under heat and pressure. The resin on the top surface of the overlay cures, forming a tough, stain resistant finish.

Sheets are identified by Melteca® branding, including colour and other manufacturing details along the panel edges. Packs are clearly identified with the distinctive brand label.

USES

- Interior use only
- Kitchen, bathroom and laundry cabinets
- Furniture – commercial and residential
- Wall units
- Bar fronts
- Shelving
- Wardrobes
- Shop fittings and displays
- Wall linings (provided specific installation instructions are followed)

For uses other than those specified in this section, and for use in the construction industry, please contact Laminex New Zealand on 0800 303 606

SPECIFYING

When specifying Melteca® include the following information:

Colour	Refer to Melteca® colour brochure
Finish	Refer to the Melteca® Availability Guide at Melteca.co.nz
Sheet size	Refer to the Melteca® Availability Guide at Melteca.co.nz
Thickness*	In mm
Substrate	Lakepine MDF, Lakepine MRZero, Superfine™ Particleboard, Superfine™ MR Particleboard.
Edge Finish	Type of edging and colour

*Refer to the Melteca® Availability Guide at Melteca.co.nz

DESIGN CONSIDERATIONS

Edge Finishing

The edges of Melteca® can be finished using melamine edge tape, solid edging, soft forming, T-edge, solid timber clashing or direct postforming. Where the edges or corners are expected to take knocks, solid edging is recommended.

Note: Any exposed substrate must be sealed before service.

Load Bearing Applications

Melteca® is suitable for load bearing applications such as shelving, tables, desks, store displays, shop fittings, and kitchen cabinets.

When designing these load bearing items the tables below can be used to establish the correct support spacings to achieve an acceptable deflection for a given loading.

Shelf Loading Span Tables*

Shelf Loadings Kg/m ² **	Single Span Shelf. (mm)		
	Board thickness		
	12	16	18
25	690	930	1040
50	550	740	830
75	480	640	720
100	440	580	660
200	310	420	470
300	250	340	380
400	220	290	330
500	210	270	310

Shelf Loading Span Tables continued

Multiple Span Shelf. (mm)			
Shelf Loadings Kg/m ² **	Board thickness		
	12	16	18
25	890	1190	1330
50	630	840	940
75	510	680	770
100	440	590	670
200	310	420	470
300	250	340	380
400	220	290	330
500	210	270	310

*Spans based on creep factor of 2 with final deflection of 0.006 x span

**Loadings uniformly distributed.

Performance Data

Properties	Test Method	Test Results
Resistance To wear	Taber Abraser ISO 4586-2 (6) Din 53799(4.66) AS/NZS 4266.20	patterns>150 cycles to 50% pattern removal. colours>400 cycles to substrate.
Resistance To staining	Liquid Agents for 16 hours ISO 4586 (15) DIN 53799 (4.14.2) AS/NZS 4266.25	No visible marks.
Resistance To dry heat	180°C for 20 minutes ISO 4586.2 (8) DIN 53799 (4.9) AS/NZS 4266.26	No cracks.
Resistance To cracks	70°C oven for 24 hours ISO 4586.2 (24) DIN 53799 (4.7.3) AS/NZS 4266.24	No cracks.
Steam Resistance	Steam for 2 hours ISO 4586.2 (24) DIN 53799 (4.11.2) AS/NZS 4266.23	No cracks or blisters.

Melteca® complies with the requirements of AS/NZS 1859.3 2005

LIMITATIONS

- Melteca® is not intended for use in an exterior situation.
- Surface protection (mouse pad) should be provided at regular to high use computer work stations.
- Do not use Melteca® in constant wear situations such as sink bench tops, high use shop counters, bar tops or restaurant tables.
- Melteca® must not be used in high humidity or wet areas such as saunas or showers.
- The Melteca® substrate must not come in contact with any liquid. Failure to keep dry will affect the performance of the panel.
- Health and Safety Precautions (Refer Health and Safety section of the brochure).

HANDLING AND STORAGE

- Melteca® is a high quality product and must be handled accordingly.
- Do not slide panels over each other or across sharp or gritty surfaces.
- Melteca® must be stored away from moisture, heat and sunlight.
- Sheets must be flat stacked on aligned bearers or gluts.
- Bearers or gluts must be of uniform thickness and must extend across the full width of the stack. See Fig 1.

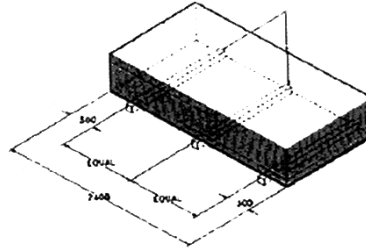


Fig. 1 Ensure that the gluts run the full pack width

Melteca® must be protected from the weather, dampness and direct wetting and must be stored inside.

Fungal and Insect Resistance

Melteca® is resistant to fungal decay and insect attack providing the moisture content of the panels does not exceed 18%.

FIRE PERFORMANCE

The Group Number Classifications below were generated from tests carried out and data recorded in accordance with the test procedure described in ISO 5660 2002 – Reaction-to-Fire – Part 1: Heat Release & Part 2: Smoke Production Rate, for the purposes of determination of the Group Classification in accordance with the New Zealand Building Code Verification Method C/VM2 Appendix A

Melteca bonded to Lakepine Medium Density Fibreboard (MDF) substrate

Group Number Classification 3

Please note: Indicative testing has indicated a change in substrate to Lakepine MRZero or Superfine particleboard (Standard or MR) will not alter the Group Number Classification.

Effects of Heat

Precautions must be taken to ensure the Melteca® is kept clear of nearby heat sources, such as free standing fire places and space heaters, wall ovens, hot plates etc. The structural life of the substrate may be impaired if temperatures exceed 50°C for prolonged periods.

Melteca® can withstand short term exposure to temperatures of 65°C above ambient without fear of ignition.

Manufacturers of heat appliances, referenced above must be consulted to ensure that correct clearances and ventilation are provided for.

DURABILITY

When stored, handled, used and maintained in accordance with this document, Melteca® will meet the durability requirements of NZBC B2.3.1(c) for 5 years.

Laminex New Zealand will not be liable to any person for any product failure if the conditions as to storage, handling, use and maintenance of Melteca® as outlined within this document are not complied with.

DIMENSIONS

Lakepine Substrate (i)						
Thickness (mm)	9	12	16	18	25	30
Weight (kgs/m ²)	7.15	9.4	12.24	13.72	18.4	22
Superfine Substrate (ii)						
Thickness (mm)	9	12	16	18	25	30
Weight (kgs/m ²)	6.34	8.32	10.96	12.28	16.4	19

(i) Includes Lakepine MDF, Lakepine MRZero

(ii) Includes Superfine and Superfine MR

Sheet Tolerances (mm)	
Length and Width	+/- 2.00
Thickness (on Lakepine MDF)	+ 0.35 - 0
Thickness (on Superfine™ particle board)	+ 0.40 - 0
Squareness (maximum difference between diagonals)	3.00
Straightness (maximum deviation in plane along the edge)	1.00 per metre

WORKING RECOMMENDATIONS

Machining

To obtain the best results when machining Melteca®, avoid excessive speed rates.

Guidelines for Cutting Melteca®				
Saw Diameter (mm)	250	300	350	400
Saw RPM	4600	3800	3300	2900
# of Teeth	80	96	108	120
Rim speed (m/sec)	47	56	66	75
Max feed rate (m/min)	43	52	58	65

As these are examples taken from various tooling manufacturers, please consult with your tooling supplier to ensure safe operating speeds are used.

A saw fitted with a scribing saw or hollow ground saw blade will produce the best result directly from the sawing equipment. This will eliminate further work prior to edge finishing.

However, sophisticated machinery is not always necessary to achieve quality edge finishes, A sharp bench saw buzzer or router combination or for the home handyperson, a fine tooth panel saw, hand-planer combination can be used to give excellent results.

In both applications, panels should be cut slightly oversize

and then edges planed to final dimensions. To avoid excessive breakout when hand-sawing, keep saw on a low angle to the sheet, provide adequate support to the sheets and do not force saw-blades through the cut.

Gluing

The surface of Melteca® is made to withstand resistance to adhesion, however, this can cause problems with some glues. For gluing of Melteca® to Melteca® surfaces, abrading of the surface is required and the use of a Melamine adhesive such as Woodlock 3100 is recommended.

For using as a wall lining, framing must be dry and a suitable wall board adhesive such as Maxbond should be used after first sanding the surface to provide a key for adhesive. Expansion joints should also be allowed for.

Fastening

Selected screws

Always use screws specifically designed for use with medium density fibre board or particle board e.g. Twinfast-screws or Super-screws. Drill a pilot hole slightly beyond the full depth of the screw penetration. Do not over-tighten screws.

A drop of adhesive applied to the screw thread will increase holding power.

Face Screwing

To avoid surface lifting, screws must not penetrate more than two thirds of panel thickness, e.g. 16mm panel = 10.5mm maximum penetration

Pilot Hole Diameters for Superfine Particle Board									
Screw gauge	3	4	5	6	7	8	9	10	
Pilot Hole Dia in mm	1.0	1.25	1.45	1.6	1.65	1.95	2.1	2.25	
Pilot Hole Diameters for Lakepine MDF									
Screw gauge	3	4	5	6	7	8	9	10	
Pilot Hole Dia in mm	1	2	2.4	2.6	2.7	3.0	3.3	3.5	

EDGE FINISHING

It is recommended that all edges of panels be edge finished.

The most common Melteca® edging options are:

- Melteca® Solid edging
- Melteca® Edge Tape

Melteca® Solid Edging

- Melteca® Solid Edging must be applied with an edge banding machine as cold pressing with contact adhesives is unsatisfactory.
- Melteca® Solid Edging is available in all Melteca® colours, some woodgrains and a range of widths to suit panel thicknesses.
- Melteca® Solid Edging comes primed for hot melt glue application or preglued for heat re-activated machines
- Apply at feed rates and temperatures as per the mechanical edge bander and adhesive supplier's recommendations.
- Other edge finishing includes; Soft forming, T-edge, Solid Timber clashing, direct postforming or coating with a paint or polyurethane.

Melteca® Edge Tape

- Melteca® melamine-coated edge tape is available in all Melteca® colours; woodgrains and a range of widths to suit panel thicknesses.
- Care must be taken when applying around tight curves.

Application:

Mechanical Edge Bander

- Edge tape must be applied at feed rates and temperatures recommended by machinery and adhesive suppliers' recommendations.

Hand Ironing

- Ensure iron is adjusted to cotton / linen setting temperatures and the surface is clean.
- A layer of paper between the iron and tape will avoid burning or marking the tape surface.
- Repressing firmly with a cork block whilst still hot will ensure an improved bond is achieved.

Trimming

- Trim flush to the surface using a veneer trimming tool, plane blade or broad chisel.

Finishing

- Sand lightly along edge using a fine grit sand paper at an angle to remove the arris.

CARE AND CLEANING

Regular cleaning requires only a wipe down with warm soapy water, follow up with dry cloth. The use of streak-free glass cleaner and a soft cloth can also maintain the surface.

NEVER USE ANY OF THE FOLLOWING ON MELTECA® FOR ANY REASON:

Abrasive cleaners, such as

- Jif
- Vim
- Ajax
- Chemico
- Brasso
- Mr Muscle cleaner
- Neat Jonola
- Wire wool
- Scourer pads
- Sand paper

Spills, Stain and Mark Removal

Stubborn Marks or Stains

Clean with Ajax spray and wipe; a soft nylon nail brush will assist if dirt particles prove hard to move.

Hair Rinse, Bleach, Oven Cleaners

Wash with hot soapy water and wipe dry.

Fabric Dye

Cold water wash and wipe dry. Then methylated spirits, then wipe with warm soapy water and wipe dry.

Battery Acid Hydrogen Peroxide, Glue Hardeners

Cold water wash and wipe dry

Hair Dye

Wash with methylated spirits and wipe dry followed by mineral turpentine, then wipe with warm soapy water and wipe dry.

Leather Dye

Wash with methylated spirits and wipe dry followed by mineral turpentine, then wipe with warm soapy water and wipe dry.

Smearing, Fingermarks, Marking from Cold or Hot Dishes, Stickiness

Apply 1 or 2 applications of acetone (from pharmacy), then wipe with warm soapy water and wipe over with dry cloth.

Newsprint

Methylated spirits or mineral turpentine then wipe with warm soapy water and wipe dry.

Rust

Vinegar or lemon juice.

Pencil

Water and cloth.

Felt Pen or Dry Marker

Methylated spirits or acetone, then wipe with warm soapy water and wipe dry.

Paint

Acetone or duco lacquer thinners (from paint shop), then wipe with warm soapy water and wipe dry.

Glue - Contact Type

Ados solvent N (from paint shop), then wipe with warm soapy water and wipe dry.

Persistent Stains or Marks, Bleaching, Fading, Colour Changes

Refer to Laminex New Zealand Customer Services

HEALTH AND SAFETY

Health and Safety precautions must be taken when working with wood panel products.

- Exposure to wood dust and/or formaldehyde may cause irritation to the eyes, respiratory system and skin, and may cause sensitisation resulting in asthma and/or in dermatitis.
- Wood dust is classified as a known carcinogen. Repeated inhalation of wood dust over many years may cause nasal cancer. Formaldehyde has been evaluated by the International Agency for Research on Cancer (IARC) as a group I, carcinogenic to humans.
- Storage areas containing large quantities of Melteca® must be adequately ventilated.
- Work areas must be well ventilated and kept clean. Sawing, sanding and machining equipment must be fitted with dust extractors to ensure that dust levels are kept within standards laid down by Occupational Health and Safety New Zealand, or the specific country of use. If not, a dust mask conforming with AS/NZS 1715 and AS/NZS 1337 must be worn.
- Offcuts, shavings and dust must be disposed of in a manner which avoids the generation of dust and in accordance with the requirements of local waste authorities.
- In end use applications all product surfaces exposed to occupied space must be sealed.

For further information and Safety Data information, please phone the Laminex New Zealand Customer Services team on 0800 303 606

TECHNICAL SUPPORT

As not all product use options can be described herein, additional end use and specifying information is available as a complimentary service.

For further information, please phone Customer Services on 0800 303 606

 NEW ZEALAND 0800 303 606

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Laminex New Zealand reserves the right to revise without notice any information contained in this brochure.

Laminex[®]
New Zealand

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MELTECA®



**Decorated Board Product Offer
National
October 2014**

MELTECA NATIONAL AVAILABILITY GUIDE

The Availability Chart below highlights the made-to-order decor and sheet size availability for Melteca. It also highlights Formica and Laminex HPL decor matches, samples and edging options, plus the national stock panel offer for the Auckland, Wellington and Christchurch Distribution Centres. Stocked decors listed are available on the nominated substrate, in the recommended finish and as single sheets. Order confirmations can be either faxed or emailed, please call customer service on 0800 303 606 to change. Alternatively use NetStore for online ordering, account, price and order enquiries. For more information and an application pack, please contact netstore@laminex.co.nz

MELTECA®			DECORATED BOARD											EDGING ✕								
			Available Sheet Size (mm)				Stocked range							Gloss	Puregrain			Plain				
06-Oct-14	Std Finish Sample	HPL Match Available	2440		3660		2440 x 1220 on MDF			2440 x 1220 on PB				1.0mm PVC	1.0mm PVC			2.0mm ABS		2.0mm PVC		
			1220	1830	1220	1830	16mm	18mm	25mm	16mm	18mm	25mm	21mm	21mm	35mm	22mm	33mm	21mm	29mm	33mm		
Affinity Maple	Naturale		◆	◆	◆	◆		AWC											○	○	○	
Affinity Tawa	Naturale		◆		◆			C											○	○	○	
Alaskan	Pearl	Laminex	◆		◆														○	○	○	
Antique Wiluna White	Naturale	Formica	◆	◆	◆	◆	AWC	AWC	A										○	○	○	
Antique Wiluna White	Hi-Gloss	Formica	✱					A						●								
Ash White	Pearl	Laminex	◆		◆														○	○	○	
Ash Woodline	Naturale	Formica	◆		◆														○		○	
Black ✱	Pearl	Formica	◆	◆	◆	◆	AWC	AWC	AC	A	C								○	○	○	
Blackened Linewood	Puregrain	Laminex	◆		◆										X	X			○	○	○	
Bleached Wenge	Naturale	Laminex	◆		◆														○		○	
Bliss Cinder	Naturale	Formica	◆	◆	◆	◆													○	○	○	
Bliss Shitake	Naturale	Formica	◆	◆	◆	◆													○	○	○	
Brescia	Naturale	Laminex	◆		◆														○	○	○	
Brushed Nickel	Naturale	Formica	◆		◆														○		○	
Brushed Silver ✱	Pearl	Formica	◆	◆	◆	◆	A	AWC											○	○	○	
Bullet	Pearl		◆		◆			AWC											○	○	○	
Burnished Wood	Puregrain	Laminex	◆		◆										X	X			○	○	○	
Cappuccino	Naturale	Formica	◆		◆														○		○	
Carbon Vapour ✱	Pearl		◆		◆		A	AWC											○		○	
Char Blue	Naturale		◆		◆		A	AWC	C	A	AC	A							○	○	○	
Charred Oak	Puregrain	Formica	◆		◆										X	X			○		○	
Charred Oak	Hi-Gloss		✱					A						●								
Chocolate Pear	Naturale		◆		◆														○		○	
Cinnamon Ash	Naturale	Formica	◆		◆														○		○	
Classic Cherry	Naturale		◆		◆			W											○		○	
Dansk Maple	Naturale	Laminex	◆	◆	◆	◆													○	○	○	
Dark Oak	Puregrain		◆	◆	◆	◆									X	X			○	○	○	
Dawn Grey	Naturale	Formica	◆		◆		A	AC											○		○	
Doe Skin	Naturale	Formica	◆		◆			AWC											○		○	
Domain	Puregrain	Laminex	◆		◆										X	X			○		○	

MELTECA®			DECORATED BOARD										EDGING ✕							
			Available Sheet Size (mm)				Stocked range						Gloss		Puregrain		Plain			
06-Oct-14	Std Finish Sample	HPL Match Available	2440		3660		2440 x 1220 on MDF			2440 x 1220 on PB			1.0mm PVC		1.0mm PVC		2.0mm ABS		2.0mm PVC	
			1220	1830	1220	1830	16mm	18mm	25mm	16mm	18mm	25mm	21mm	21mm 35mm	22mm	33mm	21mm	29mm	33mm	
Ebony Bellezza	Puregrain	Laminex	◆		◆									✕	✕			○	○	○
Ebony Macassar	Puregrain	Laminex	◆		◆									✕	✕			○	○	○
Energise	Naturale	Formica	◆		◆													○		○
Espresso Ligna	Hi-Gloss	Laminex	✱					A					●							
Fini Blonde	Naturale	Formica	◆		◆													○		○
Fog	Naturale		◆		◆		AWC	AWC			A							○		○
Fossil	Pearl	Laminex	◆		◆													○		○
Gentle Beige (Parchment)	Naturale	Laminex	◆	◆	◆	◆	A	AWC										○	○	○
Golden Beech	Naturale		◆	◆	◆	◆												○	○	○
Hakata	Naturale	Laminex	◆		◆											⊙	⊙			
Hotham Oak	Puregrain		◆		◆									✕	✕			○		○
Husk	Naturale	Laminex	◆		◆													○	○	○
Iron Ore	Pearl	Formica	◆		◆				C									○		○
Ironstone	Pearl	Formica	◆		◆				AWC									○	○	○
Jalapeno	Naturale	Laminex	◆		◆													○		○
Jarrah	Naturale	Formica	◆		◆				AC									○		○
Juicy	Naturale	Laminex	◆		◆													○		○
Licorice Linea	Pearl	Laminex	◆		◆													○	○	○
Limed Ash	Puregrain		◆		◆									✕	✕			○		○
Memphis Blue	Naturale	Formica	◆		◆							A						○		○
Memphis Green	Naturale	Formica	◆		◆													○		○
Memphis Red	Naturale	Formica	◆		◆							A						○		○
Mist	Naturale		◆	◆	◆	◆	AWC	AWC	A	A								○	○	○
Moleskin	Pearl	Laminex	◆		◆													○	○	○
Mushroom Linea	Pearl	Laminex	◆		◆													○	○	○
New Graphite	Pearl	Laminex	◆		◆													○	○	○
New Stainless Steel *	Pearl	Formica	◆		◆				C									○		○
NZ Tawa	Naturale		◆	◆	◆	◆	A	AWC	AC	A	AC	AC						○	○	○
Oyster (Peruvian Clay)	Naturale	Laminex	◆	◆	◆	◆	AWC	AWC			A							○	○	○
Oyster Linea	Pearl	Laminex	◆	◆	◆	◆												○	○	○
Oyster Linea	Hi-Gloss	Laminex	✱						A				●							
Paper Bark	Pearl	Laminex	◆		◆													○	○	○
Platinum Micro	Pearl	Laminex	◆		◆													○	○	○
Pomegranate	Naturale	Formica	◆		◆				AWC									○	○	○
Provence Blue	Pearl		◆		◆				AWC	C	A	A						○	○	○
Putty	Naturale	Formica	◆		◆		A	AWC			A							○		○
Refined Oak	Puregrain	Formica	◆	◆	◆	◆								✕	✕			○	○	○
Refined Oak	Hi-Gloss		✱						A				●							
Rock Salt	Naturale	Formica	◆	◆	◆	◆	AWC	AWC	A	A								○	○	○
Seal Grey	Naturale	Formica	◆	◆	◆	◆	AW	AWC	A	AC	AC	AC						○	○	○
Seasoned Oak	Puregrain	Laminex	◆		◆									✕	✕			○	○	○

MELTECA®			DECORATED BOARD										EDGING ✕							
			Available Sheet Size (mm)				Stocked range						Gloss		Puregrain		Plain			
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			1220	1830	1220	1830	16mm	18mm	25mm	16mm	18mm	25mm	21mm	21mm 35mm	22mm	33mm	21mm	29mm	33mm	
Silver Strata	Naturale	Formica	◆	◆	◆	◆	A	AWC	A	A								○	○	○
Silver Strata	Hi-Gloss	Formica	✱					A						●						
Silver Vapour *	Pearl		◆		◆		A	AWC										○	○	○
Smoke Strand	Naturale	Formica	◆		◆													○		○
Snowdrift	Hi-Gloss	Formica	✱					A						●						
Snowdrift (Polar White)	Naturale	Formica	◆	◆	◆	◆	AWC	AWC	AWC	A	AW							○	○	○
Spring Maple	Naturale		◆	◆	◆	◆	AC	AWC	AC		C	C						○	○	○
Stipple Seal	Pearl		◆		◆													○	○	○
Storm	Pearl	Formica	◆	◆	◆	◆	AW	AWC	C		C	C						○	○	○
Streetlight	Naturale	Formica	◆		◆		A	AWC										○		○
Streetlight	Hi-Gloss	Formica	✱					A						●						
Sublime Teak	Naturale	Laminex	◆		◆													○		○
Sunflower	Naturale	Formica	◆		◆													○		○
Thistle	Naturale		◆		◆			W										○		○
Tranquil	Pearl		◆		◆		AC	AWC										○		○
Velveteen	Naturale	Formica	◆	◆	◆	◆	AWC	AWC										○	○	○
Vienna	Pearl		◆		◆		AC	AWC										○		○
Warm White	Naturale	Formica	◆	◆	◆	◆	AWC	AWC	AWC	A								○	○	○
Warm White	Hi-Gloss	Formica	✱					A						●						
White Silver	Naturale	Formica	◆		◆			AWC										○	○	○
Whitewashed Oak	Puregrain	Laminex	◆		◆									×	×			○		○
Zincworks *	Pearl	Laminex	◆	◆	◆	◆												○	○	○
Zincworks	Hi-Gloss	Laminex	✱											●						

= Commercial 1800 wide board

Key:

- * Pearl & Puregrain Finish Only
- ◆ Make to Order Available Option
- ✱ Hi-Gloss available in 2440x1220 18mm only
- A Auckland
- W Wellington
- C Christchurch

Edging

- ✕ Edging available in cut lengths minimum of 10m in multiples of 10m
- 1mm ABS Gloss Edging 100m Standard Roll
- 2mm PVC Solid Edging 50m Standard Roll
- ◎ 2mm ABS Solid Edging 100m Standard Roll

MADE-TO-ORDER SUBTRATE OPTIONS

Sheet Size	Substrate	Substrate Type	9mm	12mm	16mm	18mm	25mm	30mm
2440 x 1220mm	Medium Density Fibreboard (MDF)	MDF	✓	✓	✓	✓	✓	✓
		MDF MR (E0)		✓	✓	✓	✓	✓
		MDF FR		✓		✓		
	Particleboard	Superfine PB		✓	✓	✓	✓	✓
		Superfine PB MR				✓	✓	
2440 x 1830mm	Medium Density Fibreboard (MDF)	MDF	✓	✓	✓	✓	✓	✓
		MDF MR (E0)			✓	✓	✓	
	Particleboard	Superfine PB			✓	✓	✓	
		Superfine PB MR			✓			
3660 x 1220mm	Medium Density Fibreboard (MDF)	MDF			✓	✓	✓	
		MDF MR (E0)			✓	✓	✓	
	Particleboard	Superfine PB			✓	✓	✓	
3660 x 1830mm	Medium Density Fibreboard (MDF)	MDF			✓	✓	✓	
		MDF MR (E0)				✓	✓	

1830mm wide panels available in selected decors only, please refer to colour listing.

MADE-TO-ORDER GUIDELINES

Melteca finishes are pressed into the surface during the manufacturing process. When ordering there is a 12pm closure for made-to-order production schedules. At the time of ordering, Customer Services will supply a new despatch date in the unlikely occurrence that the schedule is full. If you happen to choose a décor / substrate combination that has not been made, then some additional time for set up will be required. A despatch date will be confirmed at time of order and verified on the Laminex New Zealand Order Confirmation.

Order Day		Naturale, Pearl & Puregrain Finishes	Woodgrain & Stipple Finishes	All 3660 long sizes
		Despatch Day	Despatch Day	Despatch Day
Monday	AM	1 working day - Tuesday	5 working days - Monday	3 working days - Thursday
	PM	2 working days - Wednesday		
Tuesday	AM	1 working day - Wednesday	4 working days - Monday	2 working days - Thursday
	PM	2 working days - Thursday		
Wednesday	AM	1 working day - Thursday	3 working days - Monday	1 working day - Thursday 3 working days - Monday
	PM	2 working days - Friday		
Thursday	AM	1 working day - Friday	2 working days - Monday	2 working days - Monday
	PM	2 working days - Monday		
Friday	AM	1 working day - Monday	1 working day - Monday 6 working days - following Monday	1 working day - Monday 4 working days - Thursday
	PM	2 working days - Tuesday		
Notes		Naturale, Pearl & Puregrain: <ul style="list-style-type: none"> ▪ Excludes other Melteca surface finishes ▪ Includes single sided and mixed décor combinations in Naturale, Pearl or Puregrain finish ▪ Melteca in Naturale, Pearl or Puregrain finish can be ordered in any number of sheets double sided. 	Stipple and Woodgrain <ul style="list-style-type: none"> ▪ Includes single sided and mixed décor combinations in Stipple or Woodgrain finish ▪ Stipple and Woodgrain finishes must be ordered in multiples of 2 sheets 	3660 sheets & Fire Retardant <ul style="list-style-type: none"> ▪ Includes single sided and mixed décor combinations ▪ Melteca in 3660 sheets can be ordered in any number of sheets double sided

DELIVERY GUIDELINES

Standard transit times from despatch to delivery apply. For rural areas add an additional day.

Order cut off times

	Destination	Order Cut Off	Delivery
ex-Auckland DC	Auckland Metro	5pm	next day despatch & delivery
	Central & Northern North Island	3pm	despatch same day
	Lower North Island	11am	despatch same day
	South Island	1pm	despatch same day
ex-Wellington DC	Palmerston North	9am	despatch same day
	Wellington Central	10.30am	despatch & delivery same day
	Hutt Valley	1.00pm	despatch & delivery same day
	Toll Logistics	2.00pm	despatch same day
ex-Christchurch DC	Upper South Island	10.00am	despatch same day
	Christchurch Metro	10.30am	despatch & delivery same day
	Rangiora/Kaiapoi	11.00am	despatch & delivery same day
	Toll Logistics	1.00pm	despatch same day
	West Coast	2.00pm	despatch same day

Destination	Upper North Island	Indent Ex Hamilton	Stock Ex Auckland
	Auckland	1 day	1 day
	Bay of Plenty	1 day	1 day
	Greater Auckland	1 day	1 day
	Hamilton	1 day	1 day
	Northland	2 days	2 days
	Tauranga	1 day	1 day
	Waikato (inc Taupo)	1 day	2 days
	Whangaparaoa	2 days	1 day
	Whangarei	1 day	1 day

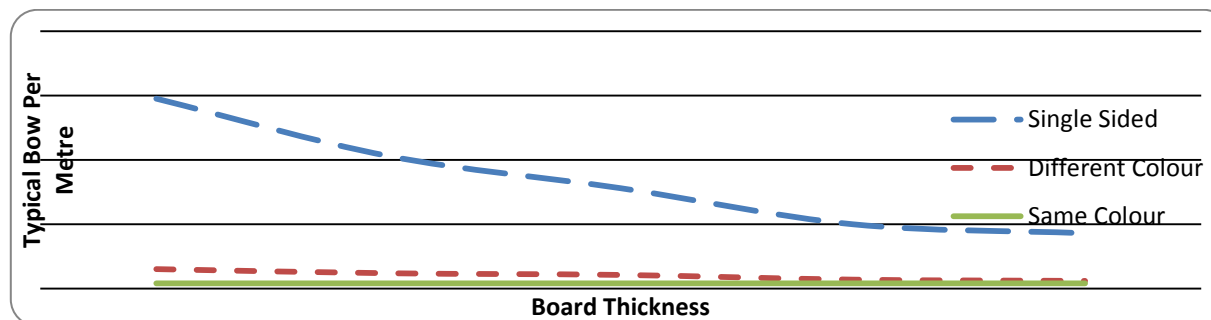
Destination	Lower North Island	Indent Ex Hamilton	Stock Ex Wellington
	Gisborne	2 days	2 days
	Hawkes Bay	1 day	1 day
	Manawatu	2 days	1 day
	Napier	1 day	1 day
	New Plymouth	1 day	1 day
	Palmerston North	1 day	1 day
	Rural Hawkes Bay	2 days	2 days
	Taranaki	2 days	1 day
	Wellington	1 day	0 day
	Wellington Provincial	2 days	0 day

Destination	South Island	Indent Ex Hamilton	Stock Ex Christchurch
	Canterbury	4 days	1 day
	Christchurch	3 days	0 day
	Dunedin	4 days	1 day
	Mosguel	4 days	1 day
	Nelson	3 days	1 day
	Otago	5 days	2 days
	Southland	5 days	2 days
	Upper South Island	4 days	2 days

NON STANDARD PRODUCT ORDERING

Non standard products are **Single Sided, Mixed Decors, Mixed finishes, other finishes and Formica branded LPL Australian decors**. Despatch dates to be confirmed at time of order and verified with an order confirmation. Order confirmations can be either faxed or emailed, please call customer service on 0800 303 606 to change.

Single sided board (Face 1) and **mixed décor** board can be produced. Providing that these finishes are in Naturale or Pearl, they will be part of the daily production schedule. If not, the weekend production schedule will apply. Orders must be in multiples of 2 sheets. Please note single sided and mixed decors will bow due to the uneven nature of the lamination, refer to the table below.



Mixed plate finishes are subject to a one off charge per order and a minimum order of 50 sheets is required.

Other finishes may be available, please contact Customer Services for details.

Australian décors may be available upon request. Please contact Laminex New Zealand for more information.

EDGING

Edgetape

Melamine Edging (Plain & Pre-Glued) is available in standard rolls of 100 metres with a lead time of 1-2 working days following the day of order (dependent on stock). Cut to length orders are available with a minimum order of 10 metres and in multiples of 10 metres. Melamine edgetape is priced at a per lineal metre rate. Please contact Customer Services for availability.

Screw Caps

Adhesive screw caps made from edgetape are also available please contact Customer Services for details.

Solid Edging

Solid Edging (Plain & Pre-Glued) is available in standard rolls of 50 metres for PVC, with a lead time of 1–3 working days following the day of order. Cut to length orders are also available with a minimum order of 10 metres in multiples of 10 metres. Solid edging is priced at a per metre rate.

7 Year Limited Warranty Melteca® Decorated Board

1. Subject to the conditions and limitations set out in this warranty below, Fletcher Building Products Limited trading as Laminex New Zealand warrants to the original purchaser of any Melteca® Decorated Board for interior residential or interior commercial use that Laminex New Zealand will at its option, repair or replace any Melteca® Decorated Board product without charge if it is defective directly as a result of its manufacture or supply by Laminex New Zealand or the materials used in its manufacture by Laminex New Zealand, during the first seven years after the initial purchase (proof of purchase will be required) Subject to paragraph 7, this obligation terminates at the expiration of seven years from the date of purchase of the product concerned from Laminex New Zealand.
2. This warranty does not cover any defect caused by:
 - a) Any act of God, any natural occurrence or any other circumstance beyond Laminex New Zealand's control; or
 - b) Failure to follow any procedures recommended by Laminex New Zealand, at the time of fabrication, sale and/or installation for the installation of a Melteca® Decorated Board; or
 - c) Physical abuse, misuse, accidents, exposure to excessive heat, exposure to excessive moisture, the use of solvents or inappropriate cleaning products/materials, improper maintenance, normal 'wear and tear', scratches, scuffs, burns, stains, wipe marks on darker colour surfaces, exposure to chemical products; or
 - d) General fading and discolouration or damage due to direct and indirect light (exposure to sunlight should be avoided); or
 - e) The product being used in applications that are not recommended by Laminex New Zealand in the product literature published; or
 - f) Where the defect has been caused by faulty workmanship by any person other than Laminex New Zealand; or
 - g) Variation in colour, pattern, shade of the material against the sample material, displays and/or printed illustrations

The warranty also does not cover:

- h) Where the defect is trivial or insubstantial; or
- i) Where, as at the date of notification of the defect to Laminex New Zealand, the type or colour of the alleged defective product no longer forms part of Laminex New Zealand's standard stock range and the person complaining of the defect does not agree to the supply of a replacement which is as close a type or colour match as is possible from Laminex New Zealand's then prevailing stock range; or
- j) Anything that has been disclosed as a feature or limitation of Melteca® Decorated Board in any literature published by Laminex New Zealand; or

- k) Outdoor application.
3. This warranty applies only to Melteca® Decorated Board:
- a) Purchased from Laminex New Zealand after 1 July 1994 for interior residential or interior commercial use in New Zealand;
 - b) That has remained installed at the location at which it was first installed after its sale by Laminex New Zealand;
 - c) Which has been installed, maintained, used and protected in the manner recommended by Laminex New Zealand, as at the relevant time of such installation, maintenance, use or protection, in its literature published from time to time concerning Melteca® Decorated Board, a copy of which may be obtained, free of charge, at the point of purchase, by visiting www.melteca.co.nz or by writing directly to Laminex New Zealand at the address given below; and
 - d) Where Laminex New Zealand has been notified of the defect within seven days of the first person to become aware of it.
4. This warranty will cover reasonable labour charges which are necessary for the repair or replacement of the Melteca® Decorated Board product covered by this warranty.
5. A replacement product may not be reasonably available from Laminex New Zealand in the same shape, type or colour as the original Melteca® Decorated Board product covered by this warranty. If a replacement product of the same shape, type or colour is not reasonably available, Laminex New Zealand reserves the right to provide a replacement product of as close a shape, type and colour match as is reasonably possible from Laminex New Zealand's then prevailing product range in satisfaction of its obligations under this warranty.
6. Except as expressly provided in paragraphs 1 and 7, all terms, conditions, warranties, undertakings, inducements and representations, whether express or implied, statutory or otherwise relating in any way to Melteca® Decorated Board product are excluded. Without limiting the generality of the preceding sentence, Laminex New Zealand will not be under any other liability in respect of any loss or damage (including consequential loss or damage) however caused (whether by negligence or otherwise) which may be suffered or incurred or which may arise directly or indirectly in respect of Melteca® Decorated Board product.
7. Where any applicable legislation implies any term, condition or warranty into the contract of sale between Laminex New Zealand and a person, or Laminex New Zealand's relationship with a person, which has acquired Melteca® Decorated Board, or otherwise gives that person a particular remedy against Laminex New Zealand, and that legislation or any legislation voids or prohibits any provision excluding, or modifying the application of, or exercise of, any liability under such term, condition, warranty or remedy, then that term, condition, warranty or remedy shall be deemed to be included in or, as the case may be, apply to that contract or relationship. However, Laminex New Zealand's liability for any breach of such term, condition or warranty or under such remedy shall be limited, at Laminex New Zealand's option, in any one or more of the ways permitted by that legislation including, where so permitted:
- a) If the breach related to Melteca® Decorated Board product:
 - i. The replacement of Melteca® Decorated Board or the supply of equivalent product;
 - ii. The repair of Melteca® Decorated Board;

- iii. The payment of the cost of replacing Melteca® Decorated Board or acquiring equivalent product; or
- iv. The payment of the cost of having Melteca® Decorated Board repaired; and

b) If the breach relates to services:

- i. The supplying of the services again; or
- ii. The payment of the cost of having the services supplied again.

8. The provisions of this warranty shall apply in addition to and not in substitution for Laminex New Zealand Conditions of Sale. Where there is any conflict between the terms of this warranty and the Conditions of Sale, unless Laminex New Zealand in its sole discretion determines otherwise, the Conditions of Sale (other than Condition 10.1(a)) shall prevail.
9. Please note that the law may confer on persons rights arising out of the supply of a FORMICA LAMINATES Product. This warranty should not therefore be read as an exhaustive statement of the rights of the original purchaser or any other person. Nothing in this warranty shall affect any rights a consumer, as defined in the Consumer Guarantees Act 1993, may have under that Act.
10. This warranty does not cover any other product used or installed in connection with Melteca® Decorated Board.
11. This warranty is not transferable or assignable.
12. All Melteca® Decorated Board Warranties to be addressed to:
Melteca® Decorated Board Warranties
Laminex New Zealand
PO Box 12270
Penrose
Auckland 1642

Any inquiries regarding this warranty should also be sent to this address.

Remember to retain your proof of purchase