



Medium Density Fibreboard (MDF)

Profiled Cabinetry Sheets

Summary

Laminex Profiled Medium Density Fibreboard (MDF) Cabinetry Sheets are a high grade profiled sheet for use as painted doors and panels. Some sanding of the raw surface is required, depending on the desired finish. Follow the recommendations of your paint supplier/specialist finish to achieve the optimum surface.



Applications

- Doors
- Panels
- Cabinetry
- Wardrobes
- Kitchens
- Bathrooms

Functional Benefits



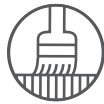
Vertical Application



Easy To Machine



Low Sanding



Primer Friendly



Impact Resistant



Dimensional Stability

Product Characteristics

Attribute	Description
Product Category	Low Pressure Melamine (Single Sided)
Substrate Type	Moisture Resistant E0 MDF
Sheet Size (nominal)	3600mm x 1200mm, 2400mm x 1200mm
Thickness (nominal)	21mm
Weight (Kg/m ² approx.)	15-18
Decorative Surfaces	Single Sided - Front face is raw and profiled, back face is a white satin backer.
Profiles	VJ 50, VJ 100, Demi Round 20, Demi Round 40, Scallop 22.5, Scallop 45

Surface Performance (Tested to AS/NZS 1859.3)

Attribute	Minimum Values	
Resistance to	Cracking	No visible cracks or micro cracks.
	Steam	Appearance rating not worse than 3 Moderate Swelling
Porosity	Rating ≤ 3	

Substrate Performance (Tested to AS/NZS 1859.2)

Attribute	Units	Typical Values 21mm
Thickness Tolerance	mm	±0.3
Density	kg/m ³	805 ± 20
Internal Bond	MPa	1.4 - 1.6





Substrate Performance (Tested to AS/NZS 1859.2)

Attribute	Units	Typical Values 21mm
Thickness Swell (24hr)	%	4 - 5
Wet Bending Strength (Method A)	MPa	8 - 11
Formaldehyde	mg/L	E0 ≤ 0.5

Substrate Performance (Tested to AS/NZS 4266.1: 2017 Section 15)

Test	Type	Nominal Thickness	Unit 31115	Mean	Std Dev	Typical Values Substrate Performance TDS
Axial Withdrawal of Screws (<i>Back</i>)	Laminex Profiled Doors	21	N	1990	100	1100-1400 N
Axial Withdrawal of Screws (<i>Edge</i>)				1490	270	1000-1300 N

		Width (mm)					
		Up to 450	450-600	601-800	801-1000	1001-1100	1101-1200
Height (mm)	2101-2400	Recommended Range for single, <u>hinged</u> panel/door.				<u>Fixed Panels</u> (held flat ie. barbacks or fridge panels, etc) available from entire grey section.	
	1801-2100						
	Up to 1800						

Blumotion hinge and mounting plate system is recommended.

Low Grade/Light weight hinges and mounting are not recommended for use.





Important Information

Note	Details		
(W) ONLY use for internal applications	Claims arising from non-internal applications are not covered under warranty		
(W) ONLY use for vertical applications	Claims arising from horizontal applications are not covered under warranty.		
(W) DO NOT use in high impact or high surface durability installations.	Claims arising from high impact or high surface durability applications are not covered under warranty.		
(W) DO NOT allow heat, hot gases or moisture to contact doors or panels	Claims arising from frequent or excessive exposure to heat or moisture are not covered under warranty.		
	Claims arising from damage due to front venting oven installations without a heat deflector shield are not covered under warranty.		
	Claims arising from damage due to fugitive heat or moisture leaking from appliance seals are not covered under warranty.		
	Claims arising from the use of bench top hot plates without exhaust fan activation or use of an ineffective extraction are not covered under warranty.		
(W) DO NOT expose to humidity fluctuations	Claims arising from bow, warp or twisting are not covered by warranty.		
(W) ONLY use recommended hinge quantities	Claims arising from bow, warp or twisting due to too few hinges or inappropriate door sizes or weights, are not covered under warranty.		
	Door Height (mm)	Door Weight (Kg)	Number of Hinges
	≤ 900	≤ 9.23	2
	≤ 1600	≤ 16	3
	≤ 2000	≤ 20	4
≤ 2400	≤ 24	6	
(W) DO NOT install converted components with unsealed edges	Claims arising from the effect of heat or moisture ingress attributable to unsealed or poorly sealed edges, are not covered under warranty.		

(W) Denotes specific warranty conditions apply.

Warranty Document

To view the latest Warranty Document for this product, please visit www.laminex.com.au.

Care & Maintenance Document

To view the latest Care & Maintenance Document for this product, please visit www.laminex.com.au.

Safety Data Sheet

To view the latest Safety Data Sheet for this product, please visit www.laminex.com.au.

