



Alpine MDF

{Reduced formaldehyde emissions}

Premium EO

Alpine Premium EO MDF has excellent strength quality, surface smoothness and stability and superior edge profile, with reduced formaldehyde emissions. Surfaces can be painted to achieve a high quality finish and provides a uniform substrate for overlaying. **Alpine Premium EO** can be worked easily with all conventional woodworking machines and hand tools. Tungsten carbide cutters and saws are recommended.

SPECIFICATIONS		UNITS	< THICKNESS RANGE & TYPICAL VALUES >			
			<8mm	8 - 11mm	12 - 22mm	23- 32mm
Thickness Tolerance	mm		+/-0.2	+/-0.2	+/-0.2	+/-0.2
Density	Kg/m³		790	750	740	710
Internal Bond	N/mm²		0.800	0.800	0.800	0.700
Modulus of Rupture	N/mm²		40	40	35	34
Modulus of Elasticity	N/mm²		3200	3000	3000	3000
Screw Holding, Face	N		N.A.	N.A	≥500	≥500
Screw Holding, Edge	N		N.A	N.A	≥500	≥500
Thickness Swell (24hr)	%		N.A	<10	<8	<7

Product Performance:

Alpine Premium EO MDF should not be used in exterior applications, nor exposed to water or high humidity situations (saunas, shower cabinets); and should be kept clear of nearby heat sources such as solid fuel heaters and free-standing fireplaces. **Alpine Premium EO** is manufactured specifically for applications such as high quality furniture and joinery, using urea formaldehyde resin manufactured expressly to comply with the joint Australian New Zealand standards (JAS-ANZ), for formaldehyde emissions from finished MDF panels. Formaldehyde concentrations in areas without proper ventilation are significantly reduced by sealing all exposed surfaces and edges with two coats of paint or polyurethane. **Alpine Premium EO** is resistant to fungal decay provided that the board does not exceed 20% moisture content for extended periods. They are also resistant to attack by common household wood borer. There are no additives such as insecticides or fungicides.

Longevity – Durability – Usage:

Alpine Premium EO is durable for **15 years** when used for non-bracing and non-structural interior applications in houses and used for the construction of fixtures such as benches or basin supports where:

- the top surface is covered with a tough impermeable covering such as melamine laminate, stainless steel or a polyester vanity unit
- the sides and edges are coated with a sealer and exposed faces and edges with two top coats of impervious coating
- damage to coatings is repaired

Alpine Premium EO is durable for **50 years** when used in dry interior environments. The bottom of Alpine MDF linings and floor level trim will swell and eventually deteriorate if exposed to persistent or cyclic wetting (e.g. saunas, spa rooms, shower rooms).

Further uses: Shelving, skirting trim, furniture, door jambs, stair treads and non-bracing linings.

FINEST QUALITY AUSTRALIAN MADE

www.alpinemdf.com.au