



Picture caption goes here.

MEDITE PREMIER

Medite Premier MDF is produced using superior wood refining technology and specially designed resins. Excellent face properties make it suitable for the thinnest laminates and surface coatings. End-users enjoy consistency of quality and thickness, as well as reduced tool wear. Its weight advantages open up new design possibilities in many applications. Developed for the 21st Century at Weyerhaeuser's Clonmel MDF facility, Medite Premier sets the standard and broadens the range of the Medite family of high performance MDF products.

APPLICATIONS The range of product applications for Medite Premier MDF includes, for example, contemporary and KD furniture, reproduction furniture, children's toys, snooker tables, shopfitting, hi-fi speaker cabinets and doors. Medite Premier comes in a wide selection of thicknesses. The remarkably consistent Medite Premier ensures that the most sophisticated finishing and processing techniques can be completed, offering great design freedom.

PERFORMANCE Medite Premier is suitable for use in internal dry conditions as defined in EN 622 part 5. Boards of this type are suitable for use in Hazard Class 1 of EN 335-3.

APPEARANCE Medite Premier retains the light tan colour of the wood fibre from which it is manufactured.

CONDITIONING The moisture content of Medite Premier is in the range of 7% +/- 2% at the time of manufacture. Changes in dimensions of wood and wood-based sheet materials occur due to changes in relative humidity. For this reason, Medite Premier panels should be conditioned to the final environment for two to three days before fixing.

MACHINING/FINISHING Cut or profiled edges of Medite Premier should first be sanded with 150- 240 grit, prior to painting. The recommended coating system for the edges is to seal, prime and topcoat with de-nibbing in between coats to produce a smooth finish. The desired finish on the face can be achieved by application of a base-coat and top-coat. If water-based coatings are used, it is important that forced drying or quick-drying systems be applied in order to maintain the quality of surface.

FIRE RATING Medite Premier is expected to achieve a fire class rating of Euro Class D within the new European classifications.

AUTHORITY Medite Premier is manufactured under an NSAI registered I.S. EN ISO 9001:2000 quality management system.

SUPPLY Medite Premier is produced in the following sizes: 1220 x 2440mm, 1220 x 2745mm, 1220 x 3050mm, 2440 x 1830mm, 1525 x 2440mm, 1525 x 2745mm and 1525 x 3050mm. Standard thicknesses produced are 3.0, 4.0, 6.0, 9.0, 12.0, 15.0, 16.0, 18.0, 19.0, 22.0, 25.0 and 30.0mm. Other thicknesses by special request.



SERVICE

For further information and/or technical advice regarding processing and painting/finishing Medite Premier please contact Weyerhaeuser Technical Support Personnel through any of our European offices.



MEDITE PREMIER MDF Technical Specification Sheet

PROPERTY	RANGE	TEST METHOD	UNITS to 4.0	THICKNESS (mm)						
				3.0 to 4.0	>4.0 to 6.0	>6.0 to 8.0	9.0 to 12.0	>12.0 to 19.0	>19.0 to 25.0	>25.0 to 30.0
Internal Bond	Min	EN 319	N/mm ²	0.80	0.80	0.80	0.65	0.65	0.60	0.65
Modulus of Rupture	Min	EN 310	N/mm ²	35.0	35.0	32.0	25.0	25.0	25.0	28.0
Modulus of Elasticity	Min	EN 310	N/mm ²	3500	3500	3200	2500	2500	2500	3000
Screw Holding Face	Min	EN 320	N	~	~	~	~	900	900	1000
Screw Holding Edge	Min	EN 320	N	~	~	~	~	700	700	800
Moisture Content	Min-Max	EN 322	%	5.9	5.9	5.9	5.9	5.9	5.9	5.9
Free Formaldehyde Content	Max	EN 120	mg/100g	≤8.0	≤8.0	≤8.0	≤8.0	≤8.0	≤8.0	≤8.0
Thickness Tolerance	Min-Max	EN 324-1	mm	+/-0.15	+/-0.15	+/-0.15	+/-0.15	+/-0.15	+/-0.15	+/-0.15
Thickness Swelling (24hrs)	Max	EN 317	%	30.0	25.0	15.0	12.0	9.0	7.0	6.0
DIMENSIONAL MOVEMENT										
Length/Width	Max	EN 318	%	0.4	0.4	0.4	0.3	0.25	0.25	0.25
Thickness	Max	EN 318	%	6.0	6.0	6.0	5.0	4.0	4.0	4.0

The results as listed above are based on the minimum specification requirements for all Premier Medite MDF manufactured by Weyerhaeuser Europe Ltd. All board parameters are in compliance with EN 622 parts 1 & 5 (1997). As part of the Weyerhaeuser Europe ongoing product development programme, the right to modify these product specifications without notice is reserved. A free formaldehyde content of ≤8.0mg/100g fulfils the requirements for Type Class A in EN 622-1 1997.