



Picture caption goes here.

MEDITE FQ

Medite FQ (Flooring Quality) is an **MDF panel** developed specifically with a higher density and improved moisture resistance making it ideal for use in laminated flooring applications. Developed for the 21st Century at Weyerhaeuser's Clonmel MDF facility, Medite FQ broadens the range of the Medite family of high performance MDF products.

APPLICATIONS Medite FQ is a suitable substrate for a wide variety of overlay materials such as wood veneers, high pressure laminates, and melamine impregnated paper overlays. Medite FQ 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.

PERFORMANCE Medite FQ exceeds the requirements of type HDF board outlined in the product standard developed by European MDF manufacturers "Requirements for HDF for laminated and veneered flooring."

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

CONDITIONING Moisture content of Medite FQ 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, both raw

panels and laminate as well as the finished panels should be conditioned before and after lamination to allow materials to reach an equilibrium. Laminated and veneered flooring elements are designed to be balanced, i.e. laminated on both sides.

MACHINING/FINISHING Panels should be overlaid with a laminate suitable for intended purpose and equipped with a backing to avoid warping. It is recommended that tongue-and-groove joints are sealed with a suitable MDF sealer, to avoid penetration of water via the joints.

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

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

SUPPLY Medite FQ is primarily produced in thicknesses from 5mm – 8mm with a density of between 850-880 Kg/m³. Panel sizes will vary according to customer requirements.



SERVICE

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



MEDITE FQ MDF TECHNICAL SPECIFICATION SHEET

PROPERTY	RANGE	TEST METHOD	UNIT	THICKNESS (mm)	
				5.0 to 6.0	>6.0 to 9.0
Internal Bond	Min	EN 319	N/mm ²	1.5	1.5
Modulus of Rupture	Min	EN 310	N/mm ²	50.0	50.0
Modulus of Elasticity	Min	EN 310	N/mm ²	4500	4500
Screw Holding Face	Min	EN 320	N	~	~
Screw Holding Edge	Min	EN 320	N	~	~
Moisture Content	Min-Max	EN 322	%	5-9	5-9
Free Formaldehyde Content	Max	EN 120	mg/100g	≤8.0	≤8.0
Thickness Tolerance	Min-Max	EN 324-1	mm	+/- 0.15	+/- 0.15
Thickness Swelling (24hrs)	Max	EN 317	%	20.0	15.0
DIMENSIONAL MOVEMENT					
Length/Width	Max	EN 318	%	0.4	0.4
Thickness	Max	EN 318	%	4.0	4.0

The results as listed left are based on the minimum specification requirements for all Medite FQ (Flooring Quality) MDF manufactured by Weyerhaeuser Europe. All board parameters are in compliance with EN 622 parts 1 & 5 (1997) and the product standard developed by European MDF manufacturers "Requirements for HDF for laminated and veneered flooring" 1997. As part of the Weyerhaeuser Europe ongoing product development programme, the right to modify these product specifications without notice is reserved. Individual customer specifications for Medite Flooring Quality MDF are available upon request. Minimum quantities may be required. A free formaldehyde content of (±) ≤8.0mg/100g fulfils the requirements for Type Class E1 in EN 622-1 1997.