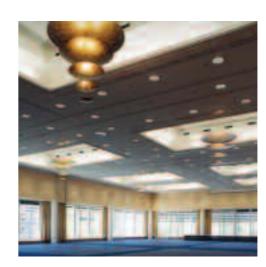


## FIRE RATING See Chart below

AUTHORITY Medite FR Euro Class B & C is manufactured under an NSAI registered I.S. EN ISO 9001:2000 quality management system.

**SUPPLY** Medite FR Euro Class B & C is produced in the following standard panel sizes CLASS C 1220 x 2440 and 1220 x 3050mm in 4, 6, 9, 12, 15, 18 and 25mm thicknesses. CLASS B -1220 x 2440 and 1220 x 3050mm in 6, 12, 15, 18 and 25mm thicknesses. Other thicknesses and panel sizes by special request.



Medite FR (Flame Retardant) Euro Class B & C is an MDF panel developed specifically for use in situations where a Euro Class B or a Euro Class C flame retardant board is required under building regulations. Developed for the 21st Century at Weyerhaeuser's Clonmel MDF facility, Medite FR broadens the range of the Medite family of high performance MDF products.

APPLICATIONS Medite FR Euro Class B & C, formerly Class 0 and Class 1 BS 476 part 6 & 7 respectively panel products, are suitable for use as wall linings, partitions, display panels, ceilings etc. Typical installations are: Hotel foyers, offices, public libraries, schools, court houses, hospitals, cinemas, discotheques and some shipbuilding applications. Medite FR Euro Class B & C is not suitable for external or structural applications, nor where exposure to water or high relative humidity may be encountered. Medite FR Euro Class B & C 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-FIRE RESISTANCE Medite FR Euro Class B & C has been certified for 30 minutes fire resistance of symmetrical non-load bearing partitions. Before designing or using this feature, careful duplication and testing of the various partition elements is required. Please refer to Weyerhaeuser Europe Document - '30 minute Fire Resisting Partitions'. Ref: 30/FR/P/04/95.

APPEARANCE Medite FR Euro Class B & C is distinguishable from other Medite MDF products by its pink identification colour.

**CONDITIONING** The moisture content of Medite FR Euro Class B & C 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 FR Euro Class B & C panels should be conditioned to the final environment for two to three days before fixing.

MACHINING/FINISHING Cut or profiled edges of Medite FR Euro Class B & C should first be sanded with 150-240 grit, prior to painting. When choosing a coating system it should be confirmed with the paint manufacturer that the coating will not adversely affect the Euro Class B flame spread or Euro Class C classification of the Medite FR Euro Class B & C panel. There are a variety of flame retardant paints to choose from which provide resistance and wear qualities equal to general decorative paints. The method of application will depend directly on the type of paint selected.



				THICKNESS					
PROPERTY	RANGE	TEST METHOD	UNITS	4.0 to 6.0	>6.0 to 9.0	>9.0 to 12.0	>12.0 to 19.0	>19.0 to 30.0	
Internal Bond	Min	EN 319	N/mm <sup>2</sup>	0.65	0.65	0.65	0.60	0.60	
Modulus of Rupture	Min	EN 310	N/mm <sup>2</sup>	35.0	35.0	30.0	25.0	25.0	
Modulus of Elasticity	Min	EN 310	N/mm <sup>2</sup>	3000	3000	3000	2700	2500	
Screw Holding Face	Min	EN 320	Ν	~	~	~	900	900	
Screw Holding Edge	Min	EN 320	Ν	~	~	~	850	850	
Moisture Content	Min-Max	EN 322	%	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	
Thickness Tolerance	Min-Max	EN 324-1	mm	+/-0.15	+/-0.15	+/-0.15	+/-0.15	+/-0.15	
Thickness Swelling (24hrs)	Max	EN 317	%	25.0	17.0	15.0	10.0	9.0	
DIMENSIONAL MOVEMENT									
Length/Width	Max	EN 318	%	0.4	0.4	0.3	0.3	0.3	
Thickness	Max	EN 318	%	6.0	6.0	4.0	4.0	3.0	

	LABLE CERTIFICATION THICKNESS (mm)										
Country	Class	Standard	Euro Class	4.0	6.0	9.0	12.0	15.0	18.0	25.0	
UK and Ireland	Class 1	B.S. 476: Part 7	С	~	v	V	~	~	~	~	
UK and Ireland	Class O	B.S. 476: Part 6&7	В		V		~	V	V	~	
Austria	B1/T1/Q1	B3800	C		V	~	~	V	V	~	
Belgium	A1	NBN - S21 -203	С		~	V	V	~	V	~	
France	M1	NFP 92501	B	V	~	V	~	~	V	~	
Germany	B1	DIN 4102 Teil 1	B				V	V	V	V	
Italy	Classe 1	CSE RF 2/75 A, 3/7	В		~	V	V	~	V		
Netherlands	Klasse 2	NEN 6065, NEN 6066	С		V	V	V	V	V	~	
Scandinavia	ln 1	NS 3919	В				~	V	V	~	
Switzerland	BKZ 5.3	VKF Regulations	С		~	V	V	~	V	~	
Singapore	Class 1	B.S. 476: Part 7	C		V	~	~	V	V	~	
United States	Class 1	UL 723	B		V	~	~	~	~	~	



## SERVICE

For further information and/or technical advice regarding processing and painting/finishing of Medite FR Euro Class B & C, please contact Weyerhaeuser Technical Support Personnel through any of our European offices.

ther Medite FR products, please contac ts as listed left are the n im Density Fibreboai All board pa user Europe pro ontent of ≤9.0 mg/100g fulfil th EN 622-1 1997