



LUMBER WORLD

'A Destination for your Imagination'

FIRE RETARDANT MDF

FR MDF: Flame-retardant magic infused into every fiber, a whisper of safety pressed into each panel.

From pulped wood to fire-resistant shield, its very essence whispers resistance. Let your designs stand tall, where flames flicker and char.





FIRE-RETARDANT MDF

SPECIFICATIONS

			≥3	≥3≥6	≥6≥12	≥12≥19	≥19≥35			
Thickness Tolerance	mm	(+/-0.2)	±0.2							
Size Tolerance	mm		+/-2 mm max in length and width							
Average density	kg/m ²	(+/-0.2)	820	780	750	720	700			
Moisture content	%	(± 2)	7	7	7	7	7			
Modulus of rupture	%	(Ave)	32	32	30	28	26			
Modulus of elasticity	N/mm ²	(Ave)	2700	2350	2050	2050	1800			
Internal bonding	N/mm ²	(Ave)	0.65	0.65	0.60	0.60	0.55			
Screwholding	N/mm ²	(Ave)	n/a	2400	2400	2400	2200			
Surface Soundness			Not applicable for Thickness Less than 15mm							
Face	N	(Ave)							1050	950
Edge	N	(Ave)							850	650
Thickness swelling (24hr)	%	(Ave)	30	20	15	12	10			
Sand grit	%by wt.	(MAX)	0.05							
Formaldehyde	mg/100g		>9≤30							
Surface Absorption	mm	(MIN)	150 BOTH SIDES							
BS 476:Part 7: 1997	Class		1							
DIN 4102 Part 1: 1998	Class		B1							
Gb 8624:2006	Class		B							
EN 13501-1:2007	Class		B							