

TECHNICAL SPECIFICATIONS

PROPERTY	RANGE	TEST METHOD	UNITS	THICKNESS				
				6	9	12	15	18
Density	+/-30		kg/m ³	720	720	720	700	700
Internal Bond	Min	EN 319	N/mm ²	0.80	0.80	0.80	0.80	0.80
Modulus of Rupture	Min	EN 310	N/mm ²	30.0	30.0	25.0	20.0	20.0
Modulus of Elasticity	Min	EN 310	N/mm ²	3,000	3,000	2,500	2,500	2,500
Screw Holding Face	Min	EN 320	N	-	-	-	900	900
Screw Holding Edge	Min	EN 320	N	-	-	-	700	700
Free Formaldehyde	Max	EN 120	mg/100g	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Thickness Tolerance		EN 324-1	mm	+/- 0.15	+/- 0.15	+/- 0.15	+/- 0.15	+/- 0.15
Thickness Swell (24hrs)	Max	EN 317	%	2.5	2.0	2.0	1.5	1.5
Thermal Resistance		R Value	m ² K/W	0.056	0.085	0.114	0.15	0.18
DIMENSIONAL MOVEMENT								
Length / Width		EN 318	%	+/- 0.1	+/- 0.1	+/- 0.1	+/- 0.1	+/- 0.1
Thickness		EN 318	%	+/- 1.0	+/- 1.0	+/- 1.0	+/- 1.0	+/- 1.0
AFTER BOIL TEST		EN1087-1						
Internal Bond	Min	EN 319	N/mm ²	0.65	0.65	0.65	0.65	0.65