

Meditre Tricoya Extreme Technical Specification Sheet				Thickness (mm)					
Property	Range	Test Method	Units	4	6	9	12	15	18
Density	+/-30		kg/m <sup>3</sup>	720	720	720	720	700	680
Internal Bond	Min	EN 319	N/mm <sup>2</sup>	0.80	0.80	0.80	0.80	0.80	0.80
Modulus of Rupture	Min	EN 310	N/mm <sup>2</sup>	30.0	30.0	30.0	25.0	20.0	20.0
Modulus of Elasticity	Min	EN 310	N/mm <sup>2</sup>	3,000	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	< 1.0
Thickness Tolerance		EN 324-1	mm	+/- 0.15	+/- 0.15	+/- 0.15	+/- 0.15	+/- 0.15	+/- 0.15
Thickness Swell (24hrs)	Max	EN 317	%	2.5	2.5	2.0	2.0	1.5	1.5
Thermal Resistance		R Value	m <sup>2</sup> K/W	0.038	0.056	0.085	0.114	0.15	0.18
<b>Dimensional Movement</b>									
Length / Width		EN 318	%	+/- 0.1	+/- 0.1	+/- 0.1	+/- 0.1	+/- 0.1	+/- 0.1
Thickness		EN 318	%	+/- 1.0	+/- 1.0	+/- 1.0	+/- 1.0	+/- 1.0	+/- 1.0
<b>After Boil Test</b>									
		EN1087-1							
Internal Bond	Min	EN 319	N/mm <sup>2</sup>	0.65	0.65	0.65	0.65	0.65	0.65

The results as listed on left are based on the minimum specification requirements for MEDITE TRICOYA EXTREME manufactured by Medite Europe Ltd.

All parameters are in compliance with EN 622 parts 1 & 5.

As part of the Medite Europe ongoing product development programme, the right to modify these product specifications without notice is reserved.

No formaldehyde is added to the acetylated softwood fibres during manufacture of MEDITE TRICOYA EXTREME.

Free formaldehyde is less than 1.0mg/100g using EN 120 test method, complying with the lower levels required by CARB phase 2