

# SPECIFICATION TABLE TERRA LANA WOOL INSULATION

All products are available in customised widths, lengths and R-values for orders over 50m<sup>2</sup>

R-VALUE	THICKNESS	CENTRES	GSM	DENSITY	λ-VALUE	CODE
<b>CEILING SERVICE CAVITY</b>						
R0.9	35mm	600mm	1000 gsm	28.6 kg/m <sup>3</sup>	0.0389 W/m <sup>2</sup> K	09.35.570
R1.2	45mm	600mm	1200 gsm	26.7 kg/m <sup>3</sup>	0.0375 W/m <sup>2</sup> K	12.45.570
R2.4	90mm	600mm	2600 gsm	28.9 kg/m <sup>3</sup>	0.0375 W/m <sup>2</sup> K	24.90.560
<b>SKILLION ROOF</b> – Can also be used in Truss roof						
R3.6	140mm	600mm	3700 gsm	26.4 kg/m <sup>3</sup>	0.0389 W/m <sup>2</sup> K	36.140.560
R5.0	190mm	600mm	5700 gsm	30.0 kg/m <sup>3</sup>	0.0380 W/m <sup>2</sup> K	50.190.570
R6.4	240mm	600mm	7400 gsm	30.8 kg/m <sup>3</sup>	0.0375 W/m <sup>2</sup> K	64.240.570
R7.2	290mm	600mm	6800 gsm	23.4 kg/m <sup>3</sup>	0.0403 W/m <sup>2</sup> K	72.290.570
<b>TIMBER I-BEAM RAFTER 'FILLET'</b> – Custom fillets available for all hyJOIST and Lumberworx I-Beams – see our website						
R0.9	35mm	200mm hyJOIST	1000 gsm	28.6 kg/m <sup>3</sup>	0.0389 W/m <sup>2</sup> K	09.35.120F
R0.9	35mm	240mm hyJOIST	1000 gsm	28.6 kg/m <sup>3</sup>	0.0389 W/m <sup>2</sup> K	09.35.160F
<b>TRUSS ROOF</b>						
R3.6	180mm	900mm	2600 gsm	14.4 kg/m <sup>3</sup>	0.0500 W/m <sup>2</sup> K	36.180.435
R4.0	190mm	900mm	3000 gsm	15.8 kg/m <sup>3</sup>	0.0475 W/m <sup>2</sup> K	40.190.435
<b>TRUSS ROOF DOUBLE LAYER</b>						
R5.2 (R2.6 + R2.6)	290 mm	900mm	3420 gsm	11.8 kg/m <sup>3</sup>	0.0558 W/mK	26.145.435
R6.4 (R3.2 + R3.2)	330 mm	900mm	4400 gsm	13.3 kg/m <sup>3</sup>	0.0516 W/mK	32.165.435
R7.2 (R3.6 + R3.6)	360mm	900mm	5200 gsm	14.4 kg/m <sup>3</sup>	0.0500 W/mK	36.180.435
R8.0 (R4.0 + R4.0)	380mm	900mm	6000 gsm	15.8 kg/m <sup>3</sup>	0.0475 W/mK	40.190.435
<b>WALL SERVICE CAVITY</b>						
R1.2	45mm	600mm	1200 gsm	26.7 kg/m <sup>3</sup>	0.0375 W/m <sup>2</sup> K	12.45.570
<b>90mm WALL</b>						
R2.4	90mm	400mm	2600 gsm	28.9 kg/m <sup>3</sup>	0.0375 W/m <sup>2</sup> K	24.90.360
R2.4	90mm	600mm	2600 gsm	28.9 kg/m <sup>3</sup>	0.0375 W/m <sup>2</sup> K	24.90.560
<b>140mm WALL</b>						
R3.2	140mm	400mm	2600 gsm	18.6 kg/m <sup>3</sup>	0.0438 W/m <sup>2</sup> K	32.140.360
R3.2	140mm	600mm	2600 gsm	18.6 kg/m <sup>3</sup>	0.0438 W/m <sup>2</sup> K	32.140.560
R3.6	140mm	400mm	3700 gsm	26.4 kg/m <sup>3</sup>	0.0389 W/m <sup>2</sup> K	36.140.360
R3.6	140mm	600mm	3700 gsm	26.4 kg/m <sup>3</sup>	0.0389 W/m <sup>2</sup> K	36.140.560
<b>CHATTERBLOCK ACOUSTIC</b> – For internal walls and midfloor						
R1.4	60mm	600mm	2800 gsm	46.7 kg/m <sup>3</sup>	0.0430 W/m <sup>2</sup> K	CB.60.560
R2.2	90mm	600mm	1960 gsm	21.8 kg/m <sup>3</sup>	0.0640 W/m <sup>2</sup> K	CB.90.560
R3.2	140mm	600mm	2550 gsm	18.2 kg/m <sup>3</sup>	0.0438 W/m <sup>2</sup> K	CB.140.560
<b>RETRO-FIT UNDERFLOOR</b> – Stapled in from underneath						
R2.0	115mm	450mm	1200 gsm	10.4 kg/m <sup>3</sup>	0.0575 W/m <sup>2</sup> K	20.115.480
<b>NEW BUILD DROP-IN UNDERFLOOR</b> – Install from above with propriety fastening system, prior to sheet flooring						
R2.7	110mm	400mm	3300 gsm	30.0 kg/m <sup>3</sup>	0.0407 W/m <sup>2</sup> K	DIF.110.365
R3.2	140mm	400mm	3500 gsm	25.0 kg/m <sup>3</sup>	0.0438 W/m <sup>2</sup> K	DIF.140.365

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