





Mammoth Polyester Thermal Insulation for Ceilings & Roofs

			Density (kg/m ³)	R-Value	PACK SIZES					
					Nominal thickness (mm)	Dimensions (mm)	Pieces per pack	Area per pack (m ²)		
CEILINGS & ROOFS	Ceiling Blanket		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	7.83	R 1.8	115	870 x 11495	2	20
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	7.57	R 2.9	185	870 x 8620	2	15		
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	8	R 3.2	200	870 x 8620	2	15		
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	8	R 3.3	210	870 x 8620	2	15		
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	8	R 3.6	225	870 x 7470	2	13		
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	8.33	R 4.0	240	870 x 5750	2	10		
			9.79	R 4.1	210	870 x 5750	2	10		
	Double Layer - R 2.9 x 2	<input checked="" type="checkbox"/>		7.57	R 5.8	370	870 x 8620	2	15*	
	Double Layer - R 3.2 x 2	<input checked="" type="checkbox"/>		8	R 6.4	400	870 x 8620	2	15*	
	Double Layer - R 3.3 x 2	<input checked="" type="checkbox"/>		8	R 6.6	420	870 x 8620	2	15*	
Double Layer - R 3.6 x 2	<input checked="" type="checkbox"/>		8	R 7.2	450	870 x 7470	2	13*		
Double Layer - R 4.0 x 2	<input checked="" type="checkbox"/>		8.33	R 8.0	480	870 x 5750	2	10*		
<i>For any system - single or double layered - the joist depth must be greater than the insulation thickness. * For Double Layering - Double the quantity of product is required. For instance, a 100m² area requires 200m² of product to achieve a double layer.</i>										
CEILINGS & ROOFS	Skillion Roof Section		Airly	<input checked="" type="checkbox"/>	32.87	R 2.9	115	560 x 1200	3	2.02
	Airly	<input checked="" type="checkbox"/>	32.87	R 2.9	115	860 x 1200	5	5.16		
	Friction fit airly insulation (red)		Airly	<input checked="" type="checkbox"/>	15.15	R 3.2	165	570 x 1200	5	3.42
	Airly	<input checked="" type="checkbox"/>	15.15	R 3.2	165	870 x 1200	4	4.18		
	Airly	<input checked="" type="checkbox"/>	19.39	R 3.6	165	870 x 570	6	2.98		
	Card	<input checked="" type="checkbox"/>	25.71	R 3.6	140	870 x 570	6	2.98		
	Card		17.67	R 5.0	215	870 x 570	8	3.97		
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CEILINGS & ROOFS	Ceiling Batten		Card	Blanket	16.67	R 1.0	45	580 x 12930	2	15
	Airly	Section	47.1	R 1.0	35	540 x 1200	10	6.48		
	Friction fit airly insulation (red)		Airly	Section	42.22	R 1.3~	45	360 x 2400	9	7.78
	Airly	Section	42.22	R 1.3~	45	560 x 2400	6	8.06		
	<i>~ R1.3 sections are for timber framing only.</i>									

Mammoth® ceiling or roof insulation is made from long lasting 100% polyester insulation made in NZ. Mammoth ceiling insulation uses up to 9,300 recycled PET plastic bottles per 100sqm~. It is non-irritant, non-toxic and is warranted not to sag over time so to keep homes warmer and more energy efficient for longer. Depending on the roof space, Mammoth has ceiling blankets, skillion sections or ceiling battens to suit.





~Calculations are based on 500ml PET Bottles (16.2g).

For more technical information, please download our product data sheets from www.mammoth.co.nz



Mammoth Polyester Thermal Insulation for Walls

			Density (kg/m ³)	R-Value	PACK SIZES				
					Nominal thickness (mm)	Dimensions (mm)	Pieces per pack	Area per pack (m ²)	
WALLS	Wall Section	✓	✓	16.67	R 1.9	90	360 x 760	9	2.46
	✓	✓	16.67	R 1.9	90	560 x 760	6	2.55	
	✓	✓	60	R 2.0	70	360 x 760	12	3.28	
	✓	✓	60	R 2.0	70	560 x 760	8	3.4	
	Friction fit airway insulation (red)	✓	✓	22.22	R 2.0	90	360 x 760	9	2.46
	✓	✓	22.22	R 2.0	90	560 x 760	6	2.55	
	✓	✓	26.67	R 2.2	90	360 x 760	9	2.46	
	✓	✓	26.67	R 2.2	90	560 x 760	6	2.55	
	✓	✓	40	R 2.5	90	360 x 760	9	2.46	
	✓	✓	40	R 2.5	90	560 x 760	6	2.55	
	✓	✓	15	R 2.8	140	360 x 760	18	4.92	
	✓	✓	15	R 2.8	140	560 x 760	12	5.1	
	✓	✓	20.7	R 3.2	140	360 x 760	18	4.92	
	✓	✓	20.7	R 3.2	140	560 x 760	12	5.1	
	✓	✓	25.71	R 3.6	140	360 x 760	18	4.92	
	✓	✓	25.71	R 3.6	140	560 x 760	12	5.1	
Wall Blanket	✓	✓	21.67	R 2.2	90	360 x 9870	2	7.11	
✓	✓	21.67	R 2.2	90	560 x 10800	1	6.05		
✓	✓	10.71	R 2.6	140	380 x 8550	4	13		
✓	✓	10.71	R 2.6	140	580 x 7470	3	13		
Masonry Wall - Blanket		✓	16.67	R 1.0	45	580 x 12930	2	15	
Masonry Wall - Section	✓	✓	42.22	R 1.3	45	360 x 2400	9	7.78	
✓	✓	42.22	R 1.3	45	560 x 2400	6	8.06		

High performance, long-lasting, moisture resistant insulation that won't sag, Mammoth® wall insulation is available in sections, blankets and masonry wall sections to help create a warmer, drier homes and buildings. Mammoth products contain recycled polyester fibres. Mammoth wall insulation uses up to 15,600 recycled PET plastic bottles per 100sqm*.



*Calculations are based on 500ml PET Bottles (16.2g).



Mammoth Thermal Polyester Insulation for Underfloors



			Density (kg/m ³)	R-Value	PACK SIZES						
					Nominal thickness (mm)	Dimensions (mm)	Pieces per pack	Area per pack (m ²)			
UNDERFLOOR	Underfloor Section	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	16.67	R 1.9	90	370 x 1140	16	6.75		
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	16.67	R 1.9	90	425 x 1140	16	7.75		
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	16.67	R 1.9	90	475 x 1140	14	7.58		
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	16.67	R 1.9	90	580 x 1140	12	7.93		
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	15	R 2.8	140	370 x 1140	10	4.21		
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	15	R 2.8	140	425 x 1140	10	4.84		
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	15	R 2.8	140	475 x 1140	10	5.41		
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	15	R 2.8	140	580 x 1140	8	5.28		
			<input checked="" type="checkbox"/>	20.7	R 3.2	140	370 x 1140	10	4.21		
			<input checked="" type="checkbox"/>	20.7	R 3.2	140	425 x 1140	10	4.84		
			<input checked="" type="checkbox"/>	35.7	R 3.4	140	370 x 1140	10	4.21		
			<input checked="" type="checkbox"/>	35.7	R 3.4	140	425 x 1140	10	4.84		
			<input checked="" type="checkbox"/>	35.7	R 3.4	140	475 x 1140	10	5.41		
			<input checked="" type="checkbox"/>	35.7	R 3.4	140	580 x 1140	8	5.28		
		UNDERFLOOR	Double Layer - R1.9 x 2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	16.67	R 3.8	180	370 x 1140	16	6.75*
				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	16.67	R 3.8	180	425 x 1140	16	7.75*
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			16.67	R 3.8	180	475 x 1140	14	7.58*		
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			16.67	R 3.8	180	580 x 1140	12	7.93*		
For any system - single or double layered - the joist depth must be greater than the insulation thickness. * For Double Layering - Double the quantity of product is required. For instance, a 100m ² area requires 200m ² of product to achieve a double layer.											
UNDERFLOOR	Underfloor Blanket	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	7.5	R 1.5	100	450 x 11110	4	20		
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	7.5	R 1.5	100	510 x 9804	4	20		
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	7.5	R 1.5	100	600 x 11110	3	20		
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	7.5	R 1.5	100	650 x 10256	3	20		
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	7.83	R 1.8	115	450 x 11110	4	20		
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	7.83	R 1.8	115	510 x 9804	3	20		
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	7.83	R 1.8	115	600 x 11110	3	20		
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	7.83	R 1.8	115	650 x 10256	3	20		
			<input checked="" type="checkbox"/>	10	R 2.0	115	450 x 11110	4	20		
			<input checked="" type="checkbox"/>	10	R 2.0	115	510 x 9804	4	20		
			<input checked="" type="checkbox"/>	10	R 2.0	115	600 x 11110	3	20		
			<input checked="" type="checkbox"/>	10	R 2.0	115	650 x 10255	3	20		
			Colour	NRC	Density (kg/m ³)	R-Value	Nominal Thickness (mm)	Dimensions (mm)	Pieces per pack	Area per pack (m ²)	
Carpark Panel	Mottled Grey	0.85	28.57	R 1.7	70	2400 x 1200	4	11.52			
	Mottled Grey		32	R 2.5	100	2400 x 1200	3	8.64			

Mammoth® underfloor insulation products are available as blankets, sections and carpark panels. Easy to handle and install, Mammoth is made from 100% polyester fibres, Mammoth does not sag, deteriorate, is moisture resistant and won't affect electrical wiring.

For more technical information, please download our product data sheets from www.mammoth.co.nz



Mammoth Acoustic Polyester Insulation

	Eco Choice Advantage	NEW Advantage	Density (kg/m ³)	GSM	PACK SIZES			
					Nominal thickness (mm)	Dimensions (mm)	Pieces per pack	Area per pack (m ²)
Acoustic Wall Section - Mammoth 1000				1000	80	560 x 760	7	2.98
Acoustic Wall Section R1.9	✓	✓	16.67	1500	90	360 x 760	9	2.46
Acoustic Wall Section R2.0	✓	✓	22.22	2000	90	360 x 760	6	2.55
Acoustic Wall Section R2.2	✓	✓	22.22	2000	90	560 x 760	6	2.55
Acoustic Wall Section R2.5	✓	✓	26.67	2400	90	360 x 760	9	2.46
Acoustic Wall Section R2.8	✓	✓	26.67	2400	90	560 x 760	6	2.55
Acoustic Wall Section R3.2	✓	✓	40	3600	90	360 x 760	9	2.46
Acoustic Wall Section R3.6	✓	✓	40	3600	90	560 x 760	6	2.55
Acoustic Wall Section R4.2	✓	✓	15	2100	140	360 x 760	18	4.92
Acoustic Wall Section R4.8	✓	✓	15	2100	140	560 x 760	12	5.1
Acoustic Wall Section R5.4	✓	✓	20.7	2900	140	360 x 760	18	4.92
Acoustic Wall Section R6.0	✓	✓	20.7	2900	140	560 x 760	12	5.1
Acoustic Wall Section R6.6	✓	✓	25.71	3600	140	360 x 760	18	4.92
Acoustic Wall Section R7.2	✓	✓	25.71	3600	140	560 x 760	12	5.1

	Eco Choice Advantage	GSM	Density (kg/m ³)	R-Value	Nominal thickness (mm)	Dimensions (mm)	Pieces per pack	Area per pack (m ²)
Acoustic Blanket 580	✓	580	9.67	R1.0	60	600 x 25000	2	30
Acoustic Blanket 735 (MAB3)	✓	735	14.7		50	600 x 11110	3	20
Acoustic Blanket 750 (MAB4)	✓	750	12.5	R1.1	60	600 x 11110	3	20
Acoustic Blanket 900	✓	900	10	R1.6	90	580 x 11495	2	13.33
Acoustic Blanket 900	✓	900	10	R1.6	90	600 x 11110	3	20
Acoustic Blanket 1000		1000	11.11		90	600 x 11110	3	20
Acoustic Blanket 1100	✓	1100	12.22	R1.8	90	600 x 11110	3	20
Acoustic Blanket 1150 (MAB6)	✓	1150	15.33	R1.7	75	600 x 11110	3	20
Acoustic Blanket 1325		1325	14.7		90	560 x 10710	3	18
Acoustic Blanket 1680 *(MAB7)		1680	14		120	600 x 7388	3	13.3

* New product line pending ISO9705 testing for fire performance

Mammoth Acoustic (previously NOWhush) is available in different densities depending on the acoustic application and performance required.

ACOUSTIC

	Colour	GSM	Density (kg/m ³)	Nominal thickness (mm)	Dimensions (mm)	Pieces per pack	Area per pack (m ²)
Bafflestack Blanket	White	1000	10	100	600 x 11110	3	20

	Airley / Card	NRC	MOQ (m ²)	R-Value	Density - Thickness (mm)	Dimensions (mm)	Pieces per pack	Area per pack (m ²)
Acoustic Panel Absorber - White	Card	0.7	500		35 - 25	2400 x 1200	12	34.56
	Card	0.9	No MOQ		35 - 50	2400 x 1200	6	17.28
	Airley	0.95	500		35 - 75	2400 x 1200	4	11.52
	Airley	1.05	500		20 - 100	2400 x 1200	3	8.64
	Airley	1.05	500		40 - 100	2400 x 1200	3	8.64
White with Black Face	Card	0.7	No MOQ	R 0.7	35 - 25	2400 x 1530	12	44.06
	Card	0.9	No MOQ	R 1.4	35 - 50	2400 x 1530	6	22.03
	Airley	0.95	250	R 2.0	35 - 75	2400 x 1200	4	11.52
	Airley	1.05	250		20 - 100	2400 x 1200	3	8.64
	Airley	1.05	250		40 - 100	2400 x 1200	3	8.64
Black with Black Face	Airley	0.7	250		35 - 25	2400 x 1200	12	34.56
	Airley	0.9	No MOQ		35 - 50	2400 x 1200	6	17.28
	Airley	0.95	250		35 - 75	2400 x 1200	4	11.52
	Airley	1.05	500		20 - 100	2400 x 1200	3	8.64
	Airley	1.05	500		40 - 100	2400 x 1200	3	8.64
Grey	Card	0.7	250		35 - 25	2400 x 1200	12	34.56
	Card	0.9	250		35 - 50	2400 x 1200	6	17.28
	Airley	0.95	250		35 - 75	2400 x 1200	4	11.52
	Airley	1.05	250		20 - 100	2400 x 1200	3	8.64
	Airley	1.05	250		40 - 100	2400 x 1200	3	8.64

There is a colour difference in the grey panel depending on if from card (more uniform grey) or airley (grey/black/white mottled). Contact us for samples.

	Airley / Card	NRC	GSM	R-Value	Density - Thickness (mm)	Dimensions (mm)	Pieces per pack	Area per pack (m ²)
Duct Liner - White : White w Black Face	Card		455		35 - 13	1200 x 2400	24	69.12
	Card & Airley	0.7	875	R 0.7	35 - 25	1530 x 2400	12	44.06
	Card & Airley	0.9	1750	R 1.4	35 - 50	1530 x 2400	6	22.03
	Card		2300	R 1.5	46 - 50	1530 x 2400	3	11.01
	Airley	1.05	2625	R 2.0	35 - 75	1200 x 2400	4	11.52
	Airley	0.95	2000		20 - 100	1200 x 2400	3	8.64
	Airley	1.05	4000		40 - 100	1200 x 2400	3	8.64

Custom widths available on request - minimum order quantities apply.

Mammoth® is a registered trade mark of InZone Industries Holdings Ltd.