PREMIER INSULATION

Glasswool & 100% Polyester

Thermal and Acoustic Insulation





Insulation solutions for healthier living spaces, all year round.

We take pride in being a manufacturer and importer/distributor of quality thermal and acoustic insulation; ranged and stocked to support building designers, specifiers, and the wider construction industry to create a healthy and energy-efficient built environment.

Our safe and friendly 100% Polyester Insulation is proudly manufactured in our production and warehousing facility in Ngaruawahia, and our Glasswool Insulation range is imported from our longstanding supply partner in Taiwan. We also operate a bulk-store and distribution centre in Christchurch.

We distribute our brand of Premier insulation through a nationwide network of independent Premier Insulation branches, specialising in thermal and acoustic solutions for residential and commercial buildings.

The Premier Difference

Direct supply, No Middleman

We don't supply through Merchants or Distributors. We supply direct and pass on the savings. We offer nationwide supply-only, and full installation services.

Quality 100% Polyester Insulation

- Made in our state of the art factory in Ngaruawahia, Waikato
- Lower overheads and high efficiency means cheaper prices
- Full thermal and acoustic range
- BRANZ Appraised & Eco Choice Aotearoa Certified
- · Kāinga Ora New-Build approved
- 50 Year Durability Warranty

Quality Glasswool Insulation

- Made from 90% recycled glass
- Full thermal and acoustic range, including R7.3 single-layer solutions
- BRANZ Appraised & Eco Choice Aotearoa Certified
- 50 Year Durability Warranty

H1 Support

- Design & technical advice (+20 years industry experience)
- Free H1 Calculations and Compliance Certificates
- H1 Modelling Method for complex builds

Acoustics

- Verified alternative for GIB Noise Control Systems
- Commercial 100% Polyester range; Sound Blankets, Baffle Stack, Absorption Panels

Specification Support

- We can write your Specs to ensure consistency and save you time
- We're on Masterspec
- Product Data Sheets, Installation Instructions, Technical Supplements, and Warranty Documents are available our on website.





100% Polyester Insulation



Premier 100% Polyester Insulation is proudly manufactured in NZ, using minimum 45% previously recycled fibre.

Premier 100% Polyester Insulation is proudly manufactured in NZ from thermally bonded polyester fibres, for use in framed walls, ceilings, suspended floors and mid-floor applications in both residential and commercial construction. Our Polyester Insulation range is available in a range of widths and performance options and is available in blanket, skillion and segment forms.

Quality 100% Polyester Insulation

- Manufactured from 100% polyester fibres, using minimum 45% previously recycled fibre (from post-consumer recycled PET plastics)
- · Moisture and vermin resistant
- Non-toxic, non-allergenic, non irritant, soft and safe to touch
- Made in NZ and designed for New Zealand buildings
- Select products are BRANZ Appraised and Eco Choice Aotearoa Certified
- 50 Year Durability Warranty

Durability

Premier 100% Polyester Insulation is durable and long lasting. All our products are backed by a 50-year product durability warranty.

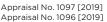
High Performing

Our Premier Polyester Insulation is moisture, insect, and vermin resistant. It has been appraised by BRANZ and meets all relevant requirements of the New Zealand Building Code (NZBC).

Safe to Touch

Polyester Insulation is one of the safest insulation options available. It is free of harmful toxins and chemicals and is designed to be gentle on skin, without causing any itching or irritation. You can touch it safely with bare hands.







Licence No: 2517147







100% Polyester Thermal Insulation

R1.3

	Nominal Thickness	Product Format	Standard Widths	Eco Choice Aotearoa	BRANZ Appraised
PREMIER 100% POLYESTER 70mm/90mm/	I40mm HIGH-DEN	SITY THERMAL I	NSULATION		
R1.8 70mm Wall	70mm	Segments	580mm		
R2.0 70mm Retro Wall	70mm	Segments	580mm		
R2.0 90mm Segments	90mm	Segments	360mm/560mm		
R2.2 90mm Segments	90mm	Segments	360mm/560mm	~	~
R2.5 90mm Segments	90mm	Segments	360mm/560mm	~	~
R2.6 140mm Segments	140mm	Segments	360mm/560mm		~
R2.8 140mm Segments	140mm	Segments	360mm/560mm	~	~
R3.2 140mm Segments	140mm	Segments	360mm/560mm		
R3.4 140mm Segments	140mm	Segments	360mm/560mm		~
R3.6 140mm Segments	140mm	Segments	360mm/560mm		
PREMIER 100% POLYESTER THERMAL CEIL	ING BLANKET				
R1.8 115mm	115mm	Roll Form	870mm		*
R2.4 145mm	145mm	Roll Form	870mm		*
R2.9 175mm	175mm	Roll Form	870mm	~	~
R3.3 200mm	200mm	Roll Form	870mm	~	~
R3.6 225mm	225mm	Roll Form	870mm		~
R3.8 225mm	225mm	Roll Form	870mm		
R4.0 240mm	240mm	Roll Form	870mm	~	~
PREMIER 100% POLYESTER MASONRY WAL	.L & SERVICE CAV	ITY BLANKET			
R1.0	45mm	Roll Form	580mm		

45mm

Segments

360mm/560mm

	Nominal Thickness	Product Format	Standard Widths	Ecor Choice Aotearoa	BRANZ Appraised
PREMIER 100% POLYESTER HD MID-FLOO	R / SKILLION ROOF	BLANKET			
R2.9 Mid-Floor-Skillion Blanket 115mm	115mm	Segments	870mm		
R3.2 Mid-Floor-Skillion Blanket 140mm	140mm	Segments	870mm		
R3.4 Mid-Floor-Skillion Blanket 140mm	140mm	Segments	870mm		~
R3.6 Mid-Floor-Skillion Blanket 140mm	140mm	Segments	870mm		
R3.2 Mid-Floor-Skillion Blanket 165mm	165mm	Segments	870mm		
R3.6 Mid-Floor-Skillion Blanket 165mm	165mm	Segments	870mm		
R3.8 Mid-Floor-Skillion Blanket 165mm	165mm	Segments	870mm		~
R1.5 Retro-Fit Underfloor R1.8 Retro-Fit Underfloor	100mm 115mm	Roll Form	450mm/ 510mm/	*	*
				*	*
R2.0 Retro-Fit Underfloor	115mm	Roll Form			
R2.6 140mm Underfloor				•	~
	140mm	Roll Form	370mm/420mm		*
R2.8 140mm Underfloor	140mm	Roll Form	370mm/420mm 370mm/420mm		
R2.8 140mm Underfloor R3.2 140mm Underfloor					* **
	140mm	Roll Form	370mm/420mm		* ** ** **
R3.2 140mm Underfloor	140mm	Roll Form	370mm/420mm 370mm/420mm		* * * * *

Roll Form

165mm

370mm/420mm

R3.8 165mm Underfloor

100% Polyester Acoustic Insulation

	Nominal Thickness	Material Weight	Material Density	Product Format	Standard Widths
PREMIER 100% POLYESTER ACOUSTIC	WALL & MID-FLOOR	BLANKET			
Acoustic Wall & Mid-Floor Blanket	90mm	1,100gsm	12.2Kg/m³	Roll Form	430mm/560mm
Acoustic IT Blanket*	90mm	1,350gsm	15.0Kg/m³	Roll Form	560mm
PREMIER 100% POLYESTER ACOUSTIC	METAL STUD PARTIT	ION BLANKET			
50mm Sound Blanket	50mm	735gsm	14.7Kg/m³	Roll Form	600mm
60mm Sound Blanket	60mm	750gsm	12.5Kg/m³	Roll Form	600mm
70mm Sound Blanket	70mm	900gsm	12.8Kg/m³	Roll Form	600mm
75mm Sound Blanket*	75mm	1,150gsm	15.3Kg/m³	Roll Form	600mm
120mm Sound Blanket	120mm	1,680gsm	14.0Kg/m³	Roll Form	600mm
PREMIER 100% POLYESTER ACOUSTIC	BAFFLE STACK				
Acoustic Baffle Stack	120mm	1,000gsm	8.33Kg/m ³	Roll Form	600mm
	Nominal Thickness	NRC Rating	Material Density	Product Format	Standard Widths
PREMIER 100% POLYESTER ACOUSTIC	ABSORBTION PANEL	s			
PAB is available as White, Grey, or Black Shee	ts, and is Made to Order.	MOQ 250m² ma	ay apply.		
PAB 35-25 (875gsm)	25mm	NRC 0.70 (est.)	35Kg/m³	Panel	2400mm x 1200mm
PAB 35-50 (1,750gsm)	50mm	NRC 0.90 (est.)	35Kg/m³	Panel	2400mm x 1200mm



Glasswool Insulation



Premier Glasswool is a resin-bonded insulation material using up to 90% recycled glass.

Since 1996, we've maintained a longstanding partnership with our manufacturing partner in Taiwan, importing high-quality glasswool insulation products for the New Zealand market.

Premier Glasswool is a resin-bonded thermal & acoustic insulation material made using up to 90% recycled glass, and designed for use in framed walls, ceilings, and midfloor applications in both residential and commercial construction. Our Glasswool is available in blanket and segment form.

Key Features

- Made from up to 90% recycled glass
- Resin bonded for enhanced durability and strength
- Cost effective, flexible, and easy to install
- High R-Values, up to R7.3, supporting compliance to NZBC H1 Energy Efficiency requirements

- Non-combustible Glasswool
- BRANZ Appraised and Select Eco Choice Aotearoa Certified
- 50 Year Durability Warranty
- Manufactured under ISO9001 quality systems

Durability

Premier Glasswool Insulation is durable and long lasting. All our products are backed by a 50-year product durability warranty.

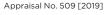
Non-Combustible

Glasswool insulation is considered non-combustible in accordance with the NZBC C - Protection from Fire. Premier Glasswool can therefore be used for the thermal and acoustic insulation of buildings in all purpose and risk groups.

Easy to Handle

Premier Glasswool is flexible and soft to touch, making it easier to handle and install.







Licence No: 2517147







Glasswool Thermal & Acoustic Insulation

	Nominal Thickness	Standard Widths	Material Density	Thermal Conductivity (À 50/90)	Eco [*] Choice Aotearoa	BRANZ Appraised
PREMIER GLASSWOOL 90mm WALL, MID-FLO	OOR & HD CEILI	ING BLANKET	S			
R2.2 Thermal & Acoustic HD Segments 70mm	70mm	580mm	24Kg/m3			
R1.8 Thermal & Acoustic Blanket 75mm*	75mm	1,200mm	12Kg/m3	0.0403 W/mK		*
R2.2 Thermal & Acoustic Blanket 90mm*	90mm	1,200mm	12Kg/m3	0.0399 W/mK		~
R2.4 Thermal & Acoustic Blanket 90mm	90mm	1,200mm	18Kg/m3	0.0375 W/mK		~
R2.6 Thermal & Acoustic Blanket 90mm	90mm	1,200mm	24Kg/m3	0.0338 W/mK	*	*
R2.8 Thermal & Acoustic Blanket 90mm	90mm	1,200mm	32Kg/m3	0.0492 W/mK*	~	~
PREMIER GLASSWOOL 140mm WALL, MID-FL	OOR & SKILLIC	ON ROOF				
·			22Ka/m²	0.0354.W/mK		
R3.2 115mm Wall-Mid-Floor-Skillion Segments	115mm	430mm	22Kg/m3	0.0354 W/mK	~	*
PREMIER GLASSWOOL 140mm WALL, MID-FL R3.2 115mm Wall-Mid-Floor-Skillion Segments R3.2 140mm Wall-Mid-Floor-Skillion Blanket R3.6 140mm Wall-Mid-Floor-Skillion Blanket			22Kg/m3 11Kg/m3 16Kg/m3	0.0354 W/mK 0.0425 W/mK 0.0386 W/mK	*	*
R3.2 115mm Wall-Mid-Floor-Skillion Segments R3.2 140mm Wall-Mid-Floor-Skillion Blanket R3.6 140mm Wall-Mid-Floor-Skillion Blanket	115mm 140mm	430mm 1,200mm	11Kg/m3	0.0425 W/mK		✓✓✓
R3.2 115mm Wall-Mid-Floor-Skillion Segments R3.2 140mm Wall-Mid-Floor-Skillion Blanket	115mm 140mm 140mm	430mm 1,200mm 1,200mm	11Kg/m3 16Kg/m3	0.0425 W/mK 0.0386 W/mK		* ** ** **
R3.2 115mm Wall-Mid-Floor-Skillion Segments R3.2 140mm Wall-Mid-Floor-Skillion Blanket R3.6 140mm Wall-Mid-Floor-Skillion Blanket R4.0 140mm Wall-Mid-Floor-Skillion Blanket	115mm 140mm 140mm 140mm	430mm 1,200mm 1,200mm	11Kg/m3 16Kg/m3 24Kg/m3	0.0425 W/mK 0.0386 W/mK		✓ ✓ ✓
R3.2 115mm Wall-Mid-Floor-Skillion Segments R3.2 140mm Wall-Mid-Floor-Skillion Blanket R3.6 140mm Wall-Mid-Floor-Skillion Blanket R4.0 140mm Wall-Mid-Floor-Skillion Blanket R4.5 165mm Skillion Roof Segments	115mm 140mm 140mm 140mm	430mm 1,200mm 1,200mm	11Kg/m3 16Kg/m3 24Kg/m3	0.0425 W/mK 0.0386 W/mK		✓ ✓ ✓
R3.2 115mm Wall-Mid-Floor-Skillion Segments R3.2 140mm Wall-Mid-Floor-Skillion Blanket R3.6 140mm Wall-Mid-Floor-Skillion Blanket R4.0 140mm Wall-Mid-Floor-Skillion Blanket R4.5 165mm Skillion Roof Segments	115mm 140mm 140mm 140mm 165mm	430mm 1,200mm 1,200mm 1,200mm 430mm	11Kg/m3 16Kg/m3 24Kg/m3 20Kg/m3	0.0425 W/mK 0.0386 W/mK 0.0332 W/mK*		* ** ** ** ** ** ** ** ** ** ** ** ** *

	Nominal Thickness	Standard Widths	Material Density	Thermal Conductivity (À 50/90)	Eco ^o Choice Aotearoa	BRANZ Appraised
PREMIER GLASSWOOL CEILING SEGMENTS						
R3.6 Ceiling Segments 175mm - 430mm	175mm	430mm	8Kg/m3	0.0478 W/mK	~	~
R4.1 Ceiling Segments 195mm - 430mm	195mm	430mm	8Kg/m3	0.0468 W/mK	~	~
R5.2 Ceiling Segments 230mm - 430mm	230mm	430mm	10Kg/m3	0.0423 W/mK	~	~
R6.3 Ceiling Segments 260mm - 430mm	260mm	430mm	12Kg/m3	0.0412 W/mK*		*
R7.3 Ceiling Segments 275mm - 430mm	275mm	430mm	16Kg/m3	0.0365 W/mK	*	*
PREMIER GLASSWOOL MASONARY WALL &	SERVICE CAVIT	Y BLANKET				
R1.0 Masonry & Service Cavity Blanket 40mm	40mm	1,200mm	13Kg/m3	0.0405 W/mK		~
R1.3 Masonry & Service Cavity Blanket 50mm	50mm	1,200mm	16Kg/m3	0.0385 W/mK		~

Design options to meet new H1 Standards

Our Glasswool Insulation offers ceiling insulation R-Values required to meet the new standards as a single-layer. However all polyester insulation will require a double-layer install.

Insulation and your H1 compliance method should be considered at the initial design stage. The increase in R-Value requirements means there needs to be more space to fit the insulation.

Single-layer Glasswool ceiling insulation is the simplest means for compliance to the new standards. Premier offers a R7.3 (275mm) Glasswool insulation which is BRANZ Appraised and available ex-stock.

Double-layer installs offer better performance and flexibility for designers. Specification of double-layer insulation is very important as traditional Glasswool ceiling insulation materials are made light-weight and designed to loft. Adding a layer over the top of these materials will likely affect their thickness and compromise insulation performance over time.

The bottom layer should be the same thickness as the bottom chord, ideally, high-density, and installed between the trusses.

Premier Polyester insulation is more durable and product layers can be mixed to suit the total R-Value required.



Example Glasswool Specification for 90mm Bottom Chord:

Premier Glasswool double-layer install: Total Insulation R-Value: R7.6 at 320mm.

Bottom layer: Premier Glasswool R2.4 90mm to match depth of bottom chord. Install with friction fit between trusses.

Top layer: Premier Glasswool R5.2 230mm installed over the top of truss chords and fitted around truss members to ensure no gaps. Joins between insulation segments are to be off-set between the two layers to ensure full cover and reduce thermal bridging.

Refer Specifications and H1 Thermal Calculation.

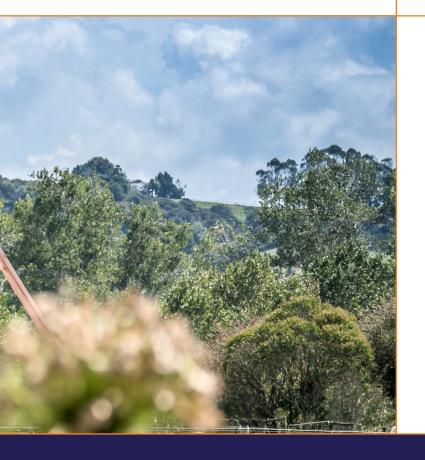
Example Double-Layer Polyester Specification:

Premier 100% Polyester double-layer install: Total Insulation R-Value: R7.2 at 380mm.

Bottom layer: Premier 100% Polyester R3.2 140mm. Install with friction fit between trusses.

Top layer: Premier 100% Polyester R4.0 240mm installed over the top and fitted around truss members to ensure no gaps. Joins between insulation layers are to be off-set to ensure full cover and reduce thermal bridging.

Refer Specifications and H1 Thermal Calculation.



For further thermal design advice and specification support, including compliance certificates using H1 Calculation and Modelling methods, please contact:

Mitch Sanson

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PREMIER INSULATION

Premier Insulation is a proud kiwi-owned and operated network servicing Northland to Bluff.

We offer direct supply, as well as professional fully installed services.

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