

POLYESTER INSULATION UNDERFLOOR BLANKET

Premier Polyester is proud to be 100% NZ made from lofted thermally bonded polyester fibres. The polyester is bonded using a low melt polyester providing excellent loft and durability. The Premier Polyester is available in both blanket and segment form, additionally made to order in various widths or R-Values depending on the clients requirements of the New Zealand Building Code.

FEATURES AND BENEFITS

- Manufactured using 100% polyester fibre made including fibres from recycled plastic bottles
- Will not cause irritation, soft to touch and can be torn across the width
- Will create a healthier building environment and wont slump over time
- Vermin resistant
- Non-combustible and does not absorb moisture
- Will absorb noise to create a quieter environment
- 50 year durability warranty

PRODUCT R-VALUE	Size (mm)	Thickness (mm)	M2		
Premier Polyester Underfloor Blanket R1.5	100 x 450mm	100mm	20.00		✓
Premier Polyester Underfloor Blanket R1.5	100 x 510mm	100mm	20.00		✓
Premier Polyester Underfloor Blanket R1.5	100 x 600mm	100mm	20.00		✓
Premier Polyester Underfloor Blanket R1.5	100 x 650mm	100mm	20.00		✓
Premier Polyester Underfloor Blanket R1.8	115 x 450mm	115mm	20.00		✓
Premier Polyester Underfloor Blanket R1.8	115 x 510mm	115mm	20.00		✓
Premier Polyester Underfloor Blanket R1.8	115 x 600mm	115mm	20.00		✓

Premier Insulation has been appraised by BRANZ, a thermal insulating material for under floors in domestic buildings and when installed correctly will perform for 50 years.

It's estimated that 10% of heat loss is through the floor, Premier Underfloor Insulation will reduce heat loss, draughts and will fit into standard and non-standard floor construction.

When installing insulation it is important to make sure you friction fit our products so heat cannot escape, use any offcuts to fill any caps and holes. When installed in accordance with the manufacturers instructions it will satisfy the 50 year durability clause NZBC B2.3.1 (a).

Premier Insulation is an acceptable solution in terms of the New Zealand Building Code compliance. Premier Insulation thermal resistance (R-Values) has been determined by testing to AS/NZS 4859.1 which is an acceptable method so can be specified with confidence.

ENVIRONMENTAL CHOICE

Initiated and endorsed by the New Zealand Government, Environmental Choice recognises the genuine moves made by manufacturers to reduce the environmental impacts of their products.

Further information regarding acoustic testing, BRANZ appraisals material safety data - refer MDS section of catalogue.



Cert.TM
2517147

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Premier offers a full installation service nationwide

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PREMIER POLYESTER FIRE RATING

PROPERTIES	RESULT	TEST	RESULTS
Combustibility	Non-Combustible		
Flammability	Non-Flammable	NA/AS 1530.3	
	Ignitability	(Range 0-20)	= 0
	Spread of Flame Index	(Range 0-10)	= 0
	Heat Evolved Index	(Range 0-10)	= 0
	Smoke Developed Index	(Range 0-10)	= 3
Corrosion Resistance	N/A		
Moisture Resistance	N/A		
Maximum Service Temperature	350°C		

PRODUCT

1.1 Premier Polyester Insulation is manufactured using 100% recycled polyester fibres as a thermal and acoustic insulating material for use in framed walls, ceilings, underfloors and roofs.

SCOPE

2.1 Premier Polyester has been developed to comply with the New Zealand Building Codes for thermal and acoustic applications in commercial and residential construction.

BUILDING REGULATIONS

NEW ZEALAND BUILDING CODE (NZBC)

3.1 In the opinion of BRANZ, Premier Insulation, is designed, used, installed and maintained in accordance with the statements and conditions of its appraisal, will meet or contribute to meeting the following provisions of the NZBC.

CLAUSE B2 DURABILITY

Performance B2.3.1 (a) not less than 50 years and B2.3.1 (b) 15 years. Premier Insulation will meet this requirement. See Paragraph 8.1.

CLAUSE E3 INTERNAL MOISTURE

Performance E3.3.1 Premier Insulation will contribute to meeting this requirement. See Paragraphs 13.1 and 13.2.

CLAUSE F2 HAZARDOUS BUILDING MATERIALS

Performance E2.3.1 Premier Insulation meets this requirement and will not present a health hazard to people.

CLAUSE HI ENERGY EFFICIENCY

Performance HI3.1 (a) and HI3.2 E Premier Insulation will continue to meeting these requirements. See Paragraphs 19.1 and 19.2.

3.2 This is an appraisal of an acceptable solution in terms of New Zealand Building Code compliance. Premier Insulation thermal resistance (R-value) has been determined by testing to AS/NZS 9859.1 which is an acceptable method.

PREMIER INSULATION

Appraisal No. 509 (2014)

This appraisal replaces BRANZ Appraisal No. 509 (2013) Amended 29 March 2016

BRANZ Appraisals

Technical assessments of products for building and construction

PREMIER INSULATION

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