


# GLASSWOOL INSULATION MASONRY BLANKET

Premier Glasswool Wall Insulation is a resin bonded spun fibrous thermal insulating material made from up to 80% recycled glass for use in framed walls. Premier Insulation is available in blanket form and segments, are lightweight, soft to touch and cost effective saving you energy and meets the requirements of the New Zealand Building Code NZBC H1.

## FEATURES AND BENEFITS

- Manufactured using up to 80% recycled glass and meets NZBC requirements
- Easy to cut and install using a standard knife, soft to touch and flexible
- Non-combustible - will not burn in the event of a fire
- Vermin resistant
- Will create a healthier building environment
- 100% bio-soluble posing no risk to health
- Will not settle over time

PRODUCT R-VALUE		Size (mm)	Thickness (mm)	M2		
Premier Glasswool Masonry Blanket	R1.0	1200 x 30m	40mm	36.0		✓
Premier Glasswool Masonry Blanket	R1.3	1200 x 15m	50mm	18.0		✓

Premier Glasswool Insulation has been appraised by BRANZ a thermal insulating material for framed or part framed walls in domestic and commercial buildings. Appraisal No. 590 (2014).

Premier Glasswool Masonry Blanket is designed to fit between strapping of masonry walls.

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.

projects@premierinsulation.co.nz

**Premier offers a full installation service nationwide**

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## PREMIER GLASSWOOL 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)	= 1
Corrosion Resistance	N/A		
Moisture Resistance	N/A		
Maximum Service Temperature	350°C		

## PRODUCT

1.1 Premier Glasswool Insulation is a resin bonded fibrous glass wool thermal insulating material for use in framed walls, ceilings and roofs of buildings. Premier Insulation is available in blanket and segment form.

## SCOPE

2.1 Premier Glasswool 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. Appraisal No. 509 (2014).

#### 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 H1 ENERGY EFFICIENCY

Performance H1.3.1 (a) and H1.3.2 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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