



## Living Comfort

## GREEN BATT

Green Batt is non-combustible lightweight, flexible and resilient glasswool insulation. Green Batt is manufactured under Quality Management System, ISO 9001:2000 and tested in accordance with insulation product standard - AS/NZS 4859.1:2002 "Materials for the Thermal Insulation of Buildings", and also certified Australian StandardsMark. These will ensure our product quality and process control consistency to deliver good and reliable glasswool insulation to our value customers.



### Reliable R-Value

Green Batt has good recovery and thickness consistency which offer reliable R-value. Green Batt is available in wide range of R-value products and performs excellent thermal insulation for both summer and winter.



### Cost Saving

Green Batt performs excellent thermal insulation which helps reducing heat transfer thru building which will provide a comfort living, reduce energy consumption, prolong air-cooling & heating appliances lifetime and also save electricity cost.



### Easy to Install

Green Batt is lightweight, flexible and resilient which available in both 430 and 580 mm wide to fit neatly into a ceiling wall and floor joist centers.

## Green-3 Insulation

Green Batt is designed and developed under Green-3 concept:

### Green Environment : Environmental Friendly

Green Batt is produced from 100% recycled glass (sand substituted). Its thermal insulation performance will help reducing energy consumption and CO<sub>2</sub> emission to atmosphere. Green Batt is manufactured under Environment management system, ISO 14001:2004

### Green Insulation : Health Safety

The International Agency for Research on Cancer, IARC has classified glasswool insulation as Group3. "Not classifiable as to carcinogenicity to human". So Green Batt is non-carcinogenic and safe for health.

### Green Guard : Water & Moisture Protection

Green Batt is treated with Hydroprotec™ agent to repel water and moisture which help extending its insulating performance.



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R-Value (m <sup>2</sup> .K/W)	Nominal Thickness (mm)	Width (mm)	Length (mm)	Pieces per pack	Content per pack (m <sup>2</sup> )	Coverage per pack (m <sup>2</sup> )
R 1.5	75	430	1160	16	8.0	9
R 1.5	75	580	1160	16	10.8	12
R 2.0	95	430	1160	16	8.0	9
R 2.0	95	580	1160	16	10.8	12
R 2.5	125	430	1160	20	10.0	11
R 2.5	125	580	1160	20	13.5	15
R 3.3	160	430	1160	16	8.0	9
R 3.3	160	580	1160	16	10.8	12
R 3.5	175	430	1160	16	8.0	9
R 3.5	175	580	1160	16	10.8	12
R 4.0	195	430	1160	14	7.0	8
R 4.0	195	580	1160	14	9.4	10

### Fire Safety

#### AS/NZS 1530.3 : 1999

Ignitability	0
Spread of flame	0
Heat Evolved	0
Smoke Developed	0

#### ASTM E84

Flame Spread	< 25
Smoke Developed	< 50

### Maximum Service Temperature

Green Batt can be used with the application with maximum service temperature not over 230 °C

### Moisture Sorption

Less than 3% w/w at 40 °C 90%RH



### Mold & Fungus Growth

Will not support or promote



ISO9001:2000  
Certificate No : TH 06000101/A



ISO14001:2004  
Certificate No : TH 07000150



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