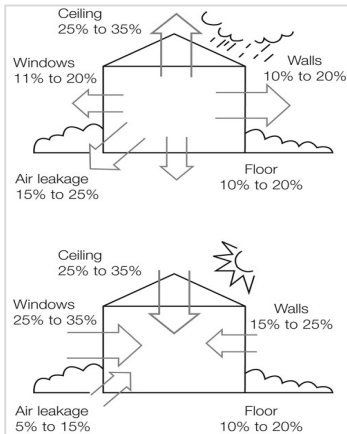
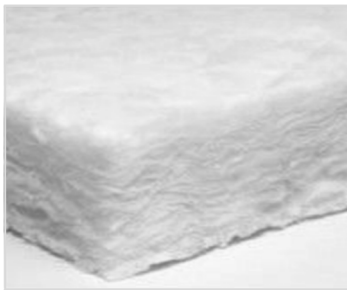




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Typical heat gains and losses in a temperate climate.

QLD TEXTILES Thermal and Acoustic Polyester Insulation Batts

► BENEFITS

Save Energy, Save Money

Insulation acts as a barrier to heat flow and is essential to keep your home warm in winter and cool in summer. A well insulated and well designed home will provide year-round comfort, cutting cooling and heating bills by up to half. Heating and cooling account for 50 to 70% of the energy used in the average home. Inadequate insulation and air leakage are leading causes of energy waste in most homes.

Insulating your home:

- saves money and our nation's limited energy resources
- makes your house more comfortable by helping to maintain a uniform temperature throughout the house
- makes walls, ceilings, and floors warmer in the winter and cooler in the summer.

The amount of energy you conserve will depend on several factors: your local climate; the size, shape, and construction of your house; the living habits of your family; the type and efficiency of the heating and cooling systems; and the fuel you use. Once the energy savings have paid for the installation cost, energy conserved is money saved - and saving energy will be even more important as utility rates go up.

► FEATURES

Clean

QLD Textiles Polyester insulation Batts are manufactured from virgin and recycled synthetic carbon fibres and is vermin and rot resistant

Non-Allergenic

Polymer fibres are non-allergenic making it the perfect choice for allergy and asthma sufferers

Safe

Polyester insulation is soft, safe and extremely easy to use, thus you have no requirements for protective clothing or breathing apparatus

► APPLICATION

Use

Polyester insulation is manufactured for use in walls, ceilings and under floors

Installation

Polyester insulation is non-allergenic and low irritant making installation safe and easy requiring no specific protective equipment or clothing to be used

R-Value

The R-value is a measure of thermal resistance used in the building and construction industry. The higher the R-value the better the thermal performance



QLD TEXTILES

Thermal and Acoustic Polyester Insulation Batts

▶ ACOUSTIC WALL BATTS

Code	Description	Dimensions	Units	Area	Coverage
PAB45430	16kg x 200mm R4.5 430mm x 1160mm	0.43m x 1.16m	4	2.00	2.29
PAB45580	16kg x 200mm R4.5 580mm x 1160mm	0.58m x 1.16m	4	2.69	3.09
PAB1875430	18kg x 75mm R1.5 430mm x 1160mm	0.43m x 1.16m	10	4.99	5.74
PAB1890430	18kg x 90mm R2.0 430mm x 1160mm	0.43m x 1.16m	10	4.99	5.74
PAB18100430	18kg x 100mm R2.5 430mm x 1160mm	0.43m x 1.16m	10	4.99	5.74
PAB15430	20kg x 70mm R1.5 430mm x 1160mm	0.43m x 1.16m	10	4.99	5.74
PAB15580	20kg x 70mm R1.5 580mm x 1160mm	0.58m x 1.16m	8	5.38	6.19
PAB20430	20kg x 90mm R2.0 430mm x 1160mm	0.43m x 1.16m	10	4.99	5.74
PAB20580	20kg x 90mm R2.0 580mm x 1160mm	0.58m x 1.16m	8	5.38	6.19
PAB25430	20kg x 100mm R2.5 430mm x 1160mm	0.43m x 1.16m	10	4.99	5.74
PAB25580	20kg x 100mm R2.5 580mm x 1160mm	0.58m x 1.16m	8	5.38	6.19

▶ THERMAL CEILING BATTS

Code	Description	Dimensions	Units	Area	Coverage
PTB20430	R2.0 430mm x 1160mm x 120mm	0.43m x 1.16m	12	5.99	6.88
PTB20580	R2.0 580mm x 1160mm x 120mm	0.58m x 1.16m	12	8.07	9.28
PTB25430	R2.5 430mm x 1160mm x 165mm	0.43m x 1.16m	10	4.99	5.74
PTB25580	R2.5 580mm x 1160mm x 165mm	0.58m x 1.16m	8	5.38	6.19
PTB30430	R3.0 430mm x 1160mm x 185mm	0.43m x 1.16m	10	4.99	5.74
PTB30580	R3.0 580mm x 1160mm x 185mm	0.58m x 1.16m	8	5.38	6.19
PTB35430	R3.5 430mm x 1160mm x 200mm	0.43m x 1.16m	8	3.99	4.59
PTB35580	R3.5 580mm x 1160mm x 200mm	0.58m x 1.16m	6	4.04	4.64
PTB40430	R4.0 430mm x 1160mm x 210mm	0.43m x 1.16m	6	2.99	3.45
PTB40580	R4.0 580mm x 1160mm x 210mm	0.58m x 1.16m	6	4.04	4.65

▶ THERMAL WALL BATTS

Code	Description	Dimensions	Units	Area	Coverage
PTB10430	R1.0 430mm x 1160mm x 70mm	0.43m x 1.16m	21	10.47	12.05
PTB10580	R1.0 580mm x 1160mm x 70mm	0.58m x 1.16m	20	13.46	15.47
PTB1543075	R1.5 430mm x 1160mm x 75mm	0.43m x 1.16m	16	7.98	9.18
PTB1558075	R1.5 580mm x 1160mm x 75mm	0.58m x 1.16m	16	10.76	12.38
PTB15430	R1.5 430mm x 1160mm x 90mm	0.43m x 1.16m	16	7.98	9.18
PTB15580	R1.5 580mm x 1160mm x 90mm	0.58m x 1.16m	16	10.76	12.38
PTB2043090	R2.0 430mm x 1160mm x 90mm	0.43m x 1.16m	12	5.99	6.88
PTB2058090	R2.0 580mm x 1160mm x 90mm	0.58m x 1.16m	12	8.07	9.28
PTB2543090	R2.5 430mm x 1160mm x 90mm	0.43m x 1.16m	6	2.99	3.44
PTB2558090	R2.5 580mm x 1160mm x 90mm	0.58m x 1.16m	6	4.04	4.64



QLD TEXTILES POLYESTER INSULATION

Material Safety Data Sheet

IDENTIFICATION SECTION

Product Name	Polyester Insulation
Trade Name	Polyester Insulation
Other Names	Poly Thermal Batts, Poly Acoustic Batts, QTSB, Acoustic Sound Blanket, QTAAB
UN Number	N/A
Dangerous Goods Class	N/A
HAZCHEM Class	N/A
CHEMWATCH No.	49729, 49730
Subsidiary Risk	N/A
Poisons Schedule	N/A
Use	Thermal & Acoustic Insulation

PHYSICAL DESCRIPTION & PROPERTIES

Appearance	White or coloured batt / roll / bonded polyester wadding
Melting Point	250° C
Vapour Pressure	N/A
Per cent Volatiles	Nil
Specific Gravity	1.38
Flashpoint	N/A
Flammability	Do not expose to direct flame, welding, grinding or other incendiary sparks or heated surfaces as product will melt and is ultimately combustible
Other Properties	Non-allergenic, long chain synthetic polymer
Ingredients	Organic, long chain synthetic polymer
Chemical Entity	Composed of carbon-hydrogen oxygen
Max. Service Temp.	150° C
Alkalinity	pH 7.8 (pH 7 is neutral)
Moisture Absorption	Exposed to an atmosphere of 50°C, 90% RH for four days gives a moisture absorption of less than 0.03% by volume
Corrosiveness	The product would not be classified as corrosive when tested in accordance with NZS 4222

SAFE HANDLING INFORMATION

Transport, Storage & Handling	No special requirements. (No protective clothing required, No dust to irritate, No short mineral harmful fibres & No health or risk warnings)
Fire / Explosion Hazards	Use any fire fighting appliance. Low flame response, Will not explode. During combustion, like most organic materials give off CO & CO2
Disposal	Product is recyclable and can be disposed of in an approved landfill if required

FIRE FIGHTING MEASURES

When tested in accordance with AS1530.3 (1999) the product exhibits the following characteristics:	
Ignitability Index	0
Spread of flame index	0
Heat evolved	0
Smoke developed index	0-3

HEALTH HAZARD INFORMATION

Health Effects	No known physical or health hazards associated with these products
Swallowed/Skin/Eye/Inhaled	N/A

FIRST AID

Swallowed/Skin/Eye/Inhaled	N/A products
Seek Medical Advice	N/A (No health effects have been reported which can be attributed to these products)