



**acoustica**<sup>®</sup>  
the quiet Australian

ABSORPTION

# QuietBatt<sup>®</sup>

high density acoustic &  
thermal insulation batts



[acoustica.com.au](http://acoustica.com.au)

# QuietBatt®

high density sound insulation batts

## Minimise impact noise and sound transfer

between rooms, ceilings and floors with QuietBatt®

An effective, high performance sound absorber for

residential, industrial and commercial properties,

QuietBatt® high density acoustic insulation will not

deteriorate over time, offering a consistent solution

to everyday noise.

QuietBatt® can be used behind perforated panelling and ceilings designed to reduce echo in a single space such as sports halls, assembly halls, auditoriums, cinemas, studios, open-plan offices, call centres, industrial enclosures, restaurants, indoor swimming pools, ducts, silencers or plant rooms.

QuietBatt® is also recommended as a cavity infill where noise separation through walls and ceilings is required. It can also be applied above suspended ceilings to reduce noise .

**Acoustica® QuietBatt is available in the following densities and widths:**

32 kg/m<sup>3</sup>, 48 kg/m<sup>3</sup> and 60 kg/m<sup>3</sup> with thickness from 25mm to 100mm and widths of 430 to 1200mm.



Acoustica QuietBatt

## Environmental Benefits

- No known physical or health hazards associated with this product.
- Made from polyester fibre with a minimum of 80% recycled fibre content.
- The product is 100% recyclable and environmentally friendly.
- Safe, non-toxic, non-irritant and will not off-gas VOC's providing safer indoor air quality.
- Offers complete design flexibility with availability of 3 colours (white, black & grey).

### Standard Sheet dimensions:

2400x1200 x 25mm, 50mm, 75mm or 100mm  
1200x600 x 25mm, 50mm, 75mm or 100mm  
1200x450 x 25mm, 50mm, 75mm or 100mm

## Acoustic and thermal performance of Acoustica QuietBatt®

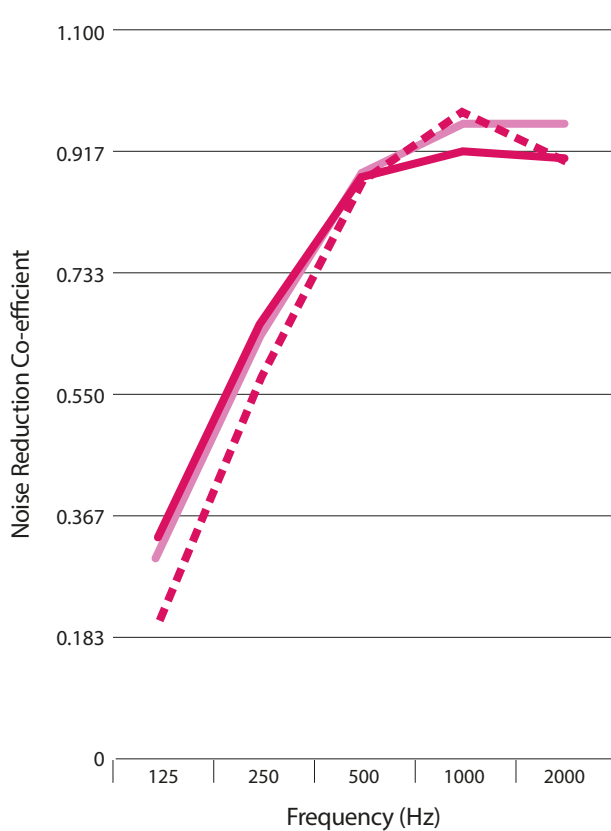
Product	NRC	R Value
QuietBatt® 50mm 32kg/m <sup>3</sup>	0.95	1.5
QuietBatt® 100mm 48kg/m <sup>3</sup>	1.1	3.0
QuietBatt® 75mm 60kg/m <sup>3</sup>	0.95	2.2



## Key benefits

- 100% recyclable and environmentally friendly
- Excellent acoustic & thermal performance
- No moisture absorption
- Completely safe, non-allergenic, non-toxic
- Low installation cost
- Long service life

## Noise Reduction Coefficient (NRC) for Acoustica® QuietBatt:



Frequency (Hz)	QuietBatt 32kg/m <sup>3</sup> (plain 50 mm)	QuietBatt 48kg/m <sup>3</sup> (plain 50 mm)	QuietBatt 60kg/m <sup>3</sup> (plain 50 mm)
125	0.30	0.30	0.25
250	0.50	0.55	0.65
500	0.80	0.90	0.95
1000	0.95	0.95	0.95
2000	0.90	0.95	0.95
4000	0.90	0.95	0.95
NRC	0.80	0.90	0.95

- QuietBatt 32kg/m<sup>3</sup>
- - - QuietBatt 48kg/m<sup>3</sup>
- QuietBatt 60kg/m<sup>3</sup>

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