

## ACOUSTIC QUILT - For reducing sound through cavities.



### Key Benefits

- Made from 70% recycled material
- SRI: 22dB
- Only 52mm thick before compression
- High Acoustic Attenuation with a Class 1 fire rating
- Lightweight at 2.1Kg/m<sup>2</sup>
- Very flexible and easy to handle, Easy to cut and mould
- Available on a roll in two sizes.
- Available from stock

### Description

Acoustic Quilt consists of two layers of 25mm sound absorbing fibreglass one each side of a 2Kg acoustic membrane that acts as a very efficient sound barrier.

It performs approx 4 times better than our Acoustic Mineral Wool because the sound barrier layer sandwiched in the middle blocks airborne sound better than lead.

The Acoustic Quilt exceeds the new Document E Resistance to the Passage of Sound making it an attractive product for modern building techniques when used to help meet Part E of the Building Regulations.

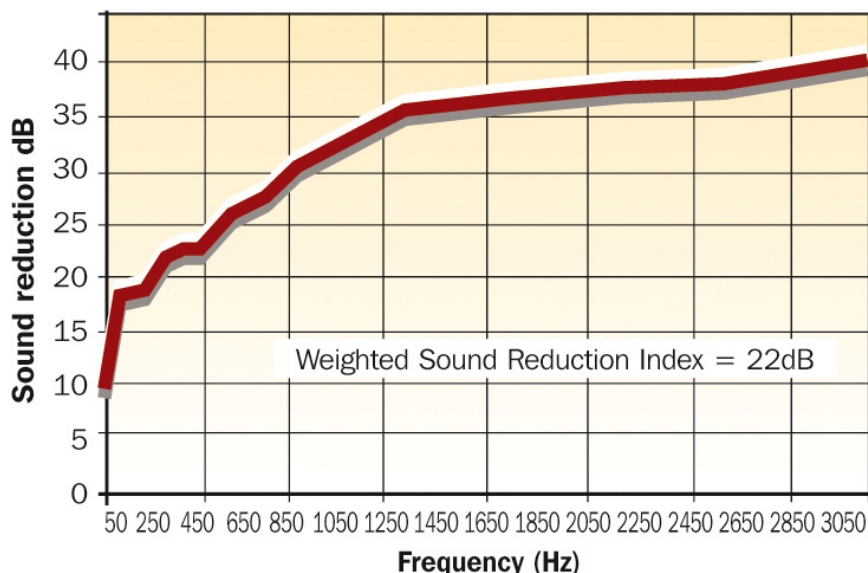
**Acoustic Quilt can improve a typical 12.5mm partition by up to 16dB!**

**Acoustic Quilt can improve a typical floor section by up to 13dB!**

### Environmental Information.

The quilting used in this product is a glass mineral wool product, manufactured from silica sand, the Earth's most abundant naturally occurring mineral. Glass mineral wool is one of the most environmentally friendly insulation materials. Inorganic and completely inert, over 70% of the raw material used in the production process are recycled. This process does not include the use of CFC's, HCFC's or other environmentally damaging gases.

**Acoustic Quilt Test Data**



**Roll Size:** 5m x 0.6m or 5m x 1.2m

**Coverage:** 3m<sup>2</sup> or 6m<sup>2</sup>

**Thermal Resistance (R Value):** 1.43 m<sup>2</sup>K/W

**Operating Temperature:** -10° to +230°C

### FIXING:

Acoustic Quilt is installed in a similar way to standard glass fibre rolls. When installing between floor joists its best to fold the quilt around a piece of wooden battening and screw or nail the battening into the sides of the joists. This will compress the Acoustic Quilt tight against the joists for the very best performance. Some contractors prefer to staple the quilt to the edges of the joists. If installing within a stud frame do the same fixing method to the header plate and the sides of the studs. (This product is ideal for providing a soundproofing layer above lightweight suspended ceiling grids.)

Please Note: this product is made with 25mm fibreglass either side of the membrane but due to being shipped in roll form it may be compressed overall to around 25mm but will recover when unrolled.

**ADDITIONAL INFORMATION AND INSTALLATION DETAIL CAN BE FOUND ON OUR WEBSITE**