

SoundBlocker Quilt PLUS - *Eco friendly, sound reducing, cavity insulation.*



Key Benefits

- Supplied on a roll 600mm or 1200mm wide x 6m long x nom. 50mm thick.
- Acoustically superior infill for walls and floors
- Safer to handle than normal mineral wool
- Eco friendly
- Thermally more efficient than mineral wool
- The wool content is a naturally sustainable green option
- Made to order in the UK

Description

SoundBlocker Quilt Plus is an improved version of our normal SoundBlocker Quilt but produced using 60% of environmentally friendly naturally sustainable sheep's wool instead of the normal fiberglass. This eco friendly sound insulation will also give enhanced results if used as the acoustic infill when soundproofing stud partitions.

This new and improved Soundblocker Quilt is a superior laminate offering a combination of sheep's wool sound absorption combined with other recycled materials and sound blocking qualities due to its unique 2kg/m² recycled sound blocking membrane laminated in the middle. Ideal for soundproofing walls, floors and ceilings. Unlike normal sound absorbing mineral wool, due to the sound blocking membrane sandwiched within the product, it will help to block noise as well as absorb it. Using this quilt will enhance the soundproofing of any structure where it may be used instead of normal mineral wool.

SoundBlocker Quilt Plus consists of a laminate of 25mm sound absorbing sheep's wool, 2Kg acoustic membrane and another layer of 25mm sound absorbing sheep's wool.

It performs up to 4 times more efficiently than normal Mineral Wool infills due to the unique barrier layer sandwiched in the middle which helps block airborne noise in the same way as lead.

The Quilt exceeds the new Part E Resistance to the Passage of Sound when used in conjunction with other soundproofing materials for separating floors and walls making it the preferred product of architects and installers. Because it is made using much softer sheep's wool, it is pleasant to handle and can be fitted without the need for gloves or protective clothing but if working in a confined area, dust masks should still be worn.

When used as the acoustic infill, SoundBlocker Quilt Plus can uprate a typical 12.5mm plasterboard clad stud wall by up to 16dB! SoundBlocker Quilt can also improve the sound insulation of a suspended timber floor by up to 13dB!

Environmental Information

SoundBlocker Quilt Plus is compress packaged sound insulation that is ideal for hassle free installation. It contains 60% British wool, 30% recycled polyester and 10% polyester binder with a high-recycled content.

The convenient compressed rolls of SoundBlocker Quilt Plus reduces transport impacts by nearly 50% compared to other alternative sound insulation. Once unpacked, it regains its original thickness to provide excellent thermal and acoustic insulation.

Like all sheep's wool products, it is longlasting, safe to handle and contributes to a healthier indoor environment by regulating moisture and absorbing harmful airborne substances in the home.

SPECIFICATIONS

- Thermal Conductivity: 0.039 Wm-1K-1 • Density of wool: 20 kgm³ • Density of Barrier layer: 2kg/m²
- Mould Resistance - CUAP 2002-01-25: Pass • Moth/Beetle Proofing - ISO 3998: Pass • Ignition Point: >500oC
- Spread of Fire to BS 5803-4: Pass • **Thermal Resistance** Km2W 55mm 1.41 100mm 2.56

Acoustic: EN 11654:1997: Aa 1.00, Class A @ 100mm - EN 11654:1997: Aa 0.75, Class B @ 55mm