

Technical Data Sheet

Award Winning 36dB Soundproofing Board Suitable for Walls, Floors and Ceilings



Benefits of using Phonewell® Sound Insulation Board:

- Revolutionary product, outstanding results
- Sustainable, natural, breathable & odourless
- Only 15mm thick – takes very little space out of room
- Quick & easy to install – Easy to handle size 1200 x 800mm
- Significantly reduces Airborne Sound e.g. talking, television or music noise
– Rated at 36 Decibels (Rw) – Very effective for low frequency bass sounds
- Significantly reduces Impact Sound e.g. footstep or moving furniture noise
– Rated at 21 Decibels (ΔLw)
- Adds Thermal Mass to timber or steel framed structures
- Ideal with underfloor heating systems
- Perfect for noisy neighbour problems
- Ideal for home cinemas, recording studios, home offices or music rooms

Phonewell ®



Floors



Walls / Ceilings



Customer Testimonials

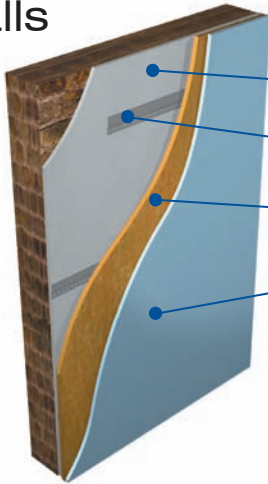
“Although the neighbours are still as noisy as ever – the installation of Phonewell® has dramatically reduced the noise levelsit has most certainly made a big difference to my quality of living!”

“Phonewell® is installed over a week now and I’m still trying to hear noise from the neighbours as before, but all is quiet. Thought they might be on holidays but no, they are there, but I can’t hear them anymore, which is brilliant”.



Technical Data Sheet

Walls



Masonry or Timber Stud

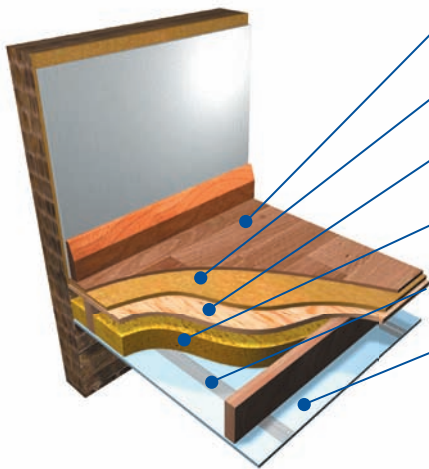
- With or Without Existing Plasterboard
- Resilient Bars: 16mm thick
- Phonewell® Sound Insulation Board: 15mm thick
- Sound Resistant Board: 12.5 - 15mm thick

Airborne Sound
+10 to 15 dB (Decibels)
Expected Improvement

(43.5 - 46mm Thick)

Note: Higher improvement results are achieved by adding battens and mineral wool to the wall first

Floors



Timber Joist or Concrete

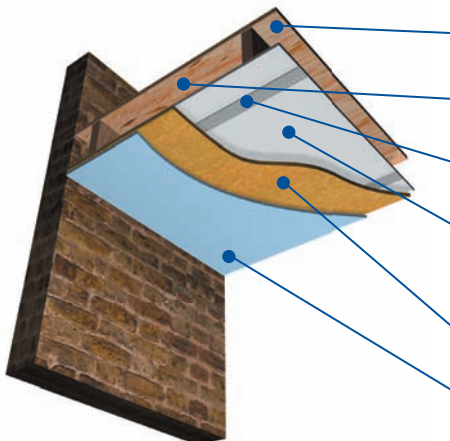
- Flooring
- Phonewell® Sound Insulation Board: 15mm thick
- Floorboards / Plywood / OSB on top of joists
- Optional: Low Density Mineral Wool in Cavity
- Optional: Resilient Bars: 16mm thick
- Sound Resistant Board: 12.5 or 15mm thick

Airborne Sound
+18 to 23 dB (Decibels)
Expected Improvement

Impact Sound
+19 to 22 dB (Decibels)
Expected Improvement

Note: Higher improvement results are achieved by adding a hard surface layer over Phonewell®, mineral wool in the cavity and a second layer of acoustic plasterboard

Ceilings



Timber Joist or Concrete

- Floorboards / Plywood / OSB on top of joists
- Optional: High Density Mineral Wool in Cavity
- Resilient Bars: 16mm Thick
- With or Without Existing Plasterboard
(Subject to local Fire Regulations for Separating Dwellings)
- Phonewell® Sound Insulation Board: 15mm Thick
- Sound Resistant Plasterboard: 12.5 - 15mm Thick

Airborne Sound
+18 to 20 dB (Decibels)
Expected Improvement

Impact Sound
+14 to 16 dB (Decibels)
Expected Improvement

Note: Higher improvement results are achieved by inserting mineral wool in the cavity and an extra layer of acoustic plasterboard