Award Winning 36 dB Soundproofing Board
For Walls, Floors and Ceilings

Sound Insulation the Natural Way

Benefits of Using PhoneStar Sound Insulation Board
(previously branded as Phonewell)

- Revolutionary product, outstanding results, only 15mm thick
- 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 (∆Lw)
- CE certified 13/0411
- Sustainable, natural, breathable & odourless
- Quick & easy to install - Easy to handle size 1200 x 800mm
- 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

PHONESTAR FLOORS WALLS / CEILINGS

Customer Testimonials

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

“PhoneStar 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”.

“We are very happy with the soundproofing achieved on the ceiling in our flat, and would recommend PhoneStar to everybody. We cannot hear anything from the flat above... Life is so much more peaceful now!”

“The PhoneStar system smashed through the building regulations”.

Contact us now for no-obligation advice - UK: +44 (0)20 7998 1690 IRL: +353 (0)1 8409 286

www.acaraconcepts.com
Selection of Recommended Structures

**WALLS**

- **Masonry or Timber Stud**
  - Resilient Bars - 16mm Thick
  - PhoneStar Sound Insulation Board - 15mm Thick
  - With or Without Existing Plasterboard
  - Sound Resistant Plasterboard - 12.5 or 15mm Thick

**Airborne Sound**

+ 10 to 15 dB (Decibels)

Expected Improvement

(43.5 - 46mm Thickness)

(Note: The higher Expected Improvement Results, as shown above, can be achieved by screwing stud battens to the wall first and placing mineral wool in the cavity)

**Floors**

- **Timber Joist or Concrete**
  - PhoneStar Sound Insulation Board - 15mm Thick
  - Floorboards / OSB / Plywood on top of joists
  - Optional: Resilient Bars - 16mm Thick
  - Sound Resistant Plasterboard - 12.5 or 15mm Thick
  - Optional: High Density Mineral Wool in Cavity

**Airborne Sound**

+ 18 to 23 dB (Decibels)

Expected Improvement

**Impact Sound**

+ 19 to 22 dB (Decibels)

Expected Improvement

(Note: The higher Expected Improvement Results, as shown above, can be achieved by adding a hard surface layer over PhoneStar, and by inserting mineral wool in the cavity and by adding a second layer of acoustic plasterboard)

**Ceilings**

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

**Airborne Sound**

+ 18 to 20 dB (Decibels)

Expected Improvement

**Impact Sound**

+ 14 to 16dB (Decibels)

Expected Improvement

(Note: The higher Expected Improvement Results, as shown above, can be achieved by inserting mineral wool in the cavity and by adding a second layer of acoustic plasterboard)

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