PhoneStar Sound Insulation
The Natural Way

Benefits of Using PhoneStar Soundproofing Board

- Revolutionary product, outstanding results, only 15mm thick
- Significantly reduces Airborne Sound e.g. talking or music noise
  - Standard timber floor tested at 59dB (Rw) for Airborne Sound
- Significantly reduces Impact Sound e.g. footstep or dragging noise
  - Standard timber floor tested at 56dB (Ln,w) for Impact Sound
- CE marked 20/0371 – award winning quality German product
- Sustainable & natural product - made from cardboard and sand
- Quick & easy to install – Easy to handle size 1200 x 800mm
- Ideal retrofit product due to its slim size and effectiveness
- Adds thermal mass to timber or steel framed structures
- Ideal with underfloor heating systems and can replace wet screed
- Perfect for noisy neighbour problems, offices & recording studios
- Also available in 10mm thickness – PhoneStar TWIN

FLOORS

WALLS & CEILINGS

Just some of our happy customers....

"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".

"The PhoneStar system smashed through the building regulations"

"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!"

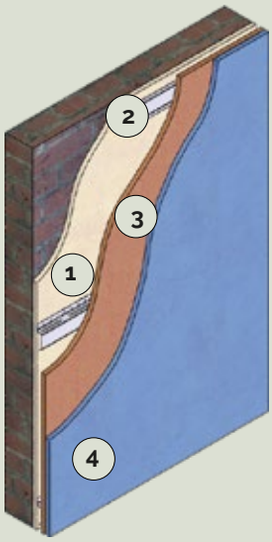
"We are very happy with the soundproofing achieved on the ceiling in our flat, and would recommend PhoneStar to everybody. We cannot hear anything from the flat above... Life is so much more peaceful now!"

ACARA CONCEPTS

Acara Concepts Ltd
Killossery, Kilsallaghan, Co Dublin K67 E7N3
www.acaraconcepts.com

Tel IRL: +353 (0)1 8409 286
Tel UK: +44 (0)20 7998 1690
Email: info@acaraconcepts.com

PhoneStar Recommended Solutions



Walls

Masonry or Timber Stud

1 With or Without Existing Plasterboard

2 Resilient Bars – 16mm Thick

3 PhoneStar Sound Insulation Board – 15mm Thick

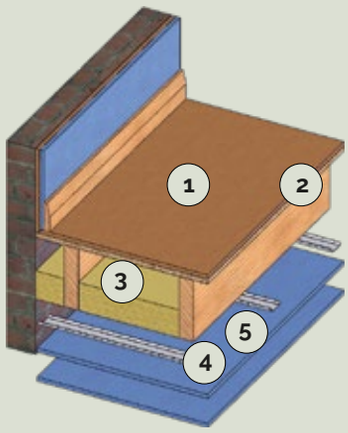
4 Acoustic Plasterboard - 12.5 or 15mm Thick

Airborne Sound

+ 10 to 24 dB (Decibels)
Expected Improvement

(43.5 – 87.5mm Thickness)

(Note: The higher Expected Improvement Results, as shown above, can be achieved by installing an independent stud frame 10mm away from original wall, filling this frame with high density mineral wool and fixing PhoneStar and acoustic plasterboard directly to studs.



Floors

Timber Joist or Concrete

1 PhoneStar Sound Insulation Board – 15mm Thick

2 Floorboards/OSB/Plywood on top of joists

3 Optional: High Density Mineral Wool in Cavity

4 Optional: Resilient Bars – 16mm Thick

5 Acoustic Plasterboard - 12.5 or 15mm Thick

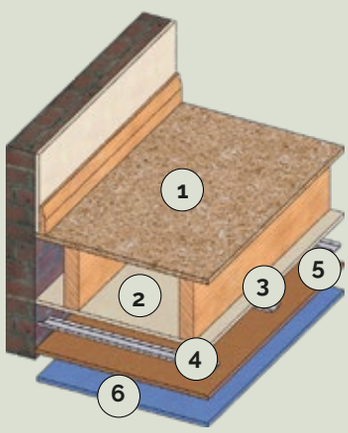
Airborne Sound

+ 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, by inserting mineral wool in the cavity and by adding a second layer of acoustic plasterboard)



Ceilings

Timber Joist or Concrete

1 Floorboards/OSB/Plywood on top of joists

2 Optional: High Density Mineral Wool in Cavity

3 With or Without Existing Plasterboard

4 Resilient Bars – 16mm Thick

5 PhoneStar Sound Insulation Board – 15mm Thick

6 Acoustic Plasterboard - 12.5 or 15mm Thick*

* Subject to Local Fire Regulations for Separating Dwellings

Airborne Sound

+ 18 to 20 dB (Decibels)
Expected Improvement

Impact Sound

+ 14 to 17 dB (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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