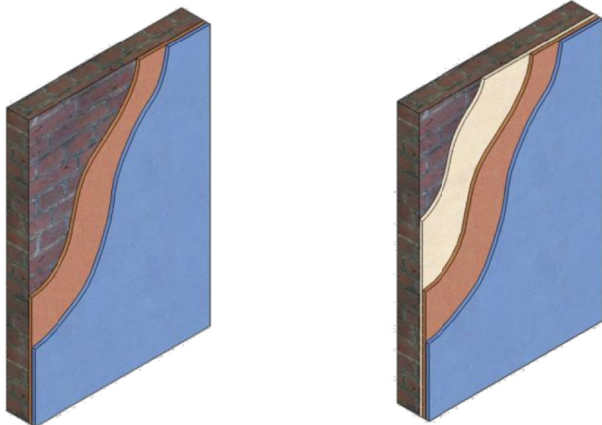


Soundproofing Solid Walls



Acoustic Insulation

Improvement Expected when Upgrading Solid Brick or Solid Block Walls (Bare or Plastered) with PhoneStar (previously branded as Phonewell)



Direct Application on New or Existing Wall

+ 6 to 8 dB
Expected Improvement
(27.5 - 30mm Thickness)

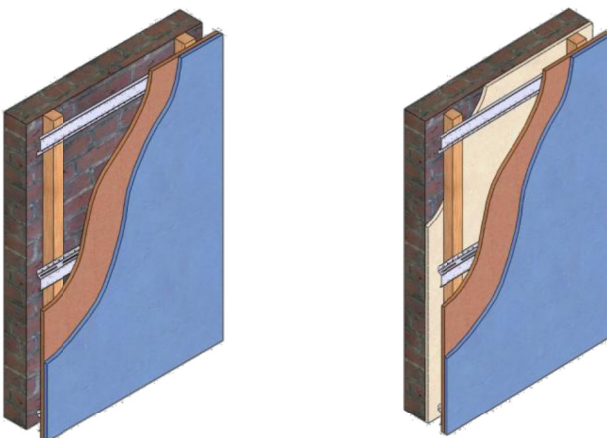
- Solid Wall (Bare or Plastered)
- 15mm PhoneStar
- 12.5 or 15mm Acoustic Plasterboard



Decoupled System with Resilient Bars

+ 10 to 12 dB
Expected Improvement
(43.5 - 46mm Thickness)

- Solid Wall (Bare or Plastered)
- 16mm Resilient Bar (RB1)
- 15mm PhoneStar
- 12.5 or 15mm Acoustic Plasterboard



Decoupled System with Studs and Resilient Bars

+ 12 to 14 dB
Expected Improvement
(67.5 - 70mm Thickness)

- Solid Wall (Bare or Plastered)
- 24mm x 48mm Studs
- 16mm Resilient Bar (RB1)
- 15mm PhoneStar
- 12.5 or 15mm Acoustic Plasterboard

- Optional Improvements: (+ 1 to 2 dB Improvement)
- 25mm x 45kg/m³ dense mineral wool between studs
 - 48mm x 48mm studs with 50mm x 45kg/m³ dense mineral wool between studs