



ResoBoard 4

Product Information & Technical Data Sheet

Resonate ResoBoard 4 is a high performance acoustic wall lining board. The boards are suitable for timber stud, brick and concrete block walls and are effective in new build and refurbishment developments.

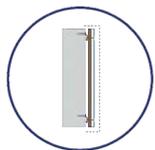
Slimline Wall Soundproofing

At just 30mm thick, ResoBoard 4 wall boards represent a slim, space saving solution for highly effective wall soundproofing. This provides a significant benefit against alternative solutions that require separate independent wall linings (100mm - 150mm thickness).

The boards are directly fixed to the existing wall, making them easy to install with minimal disruption to the home owner.

The composition of ResoBoard 4 is the perfect combination of materials to improve absorption, mass and vibration damping. The surface face is 15mm paper faced HD plasterboard, technically bonded with 7.5kg/m² mass loaded vinyl, and a 9mm cross linked polyethylene foam and a further layer of 7.5kg/m² mass loaded vinyl.

Key Benefits



Low space impact on existing wall (30mm)



Effective airborne noise reduction for sounds such as talking and television

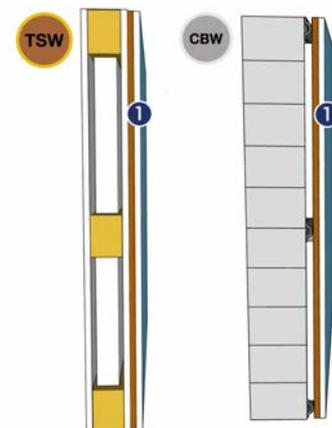


Paper face, for easy plaster finish



System Components

Separating Wall Options



Dimensions

Board Dimensions	1200mm (Width) 1200mm (Length) 30mm (Thickness)
Board m²	1.44m ² per board
Boards Per Pallet	25 Boards / 36m ²
Board Weight	28.5 kg/m ² 41 kg Per Board
Pallet Dimensions	1200mm (w) 1200mm (L) 900mm (H)
Pallet Weight	1000 kg

Product Applications and Typical Acoustic Performances

Timber Stud Wall



1. Timber stud partition
2. ResoBoard 4

Airborne Sound Performance Rw	52dB
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Directly fixed to timber or metal stud partition

Concrete Block Wall



1. Masonry Wall
2. ResoBoard 4

Airborne Sound Performance Rw	54dB
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Directly fixed to existing masonry wall