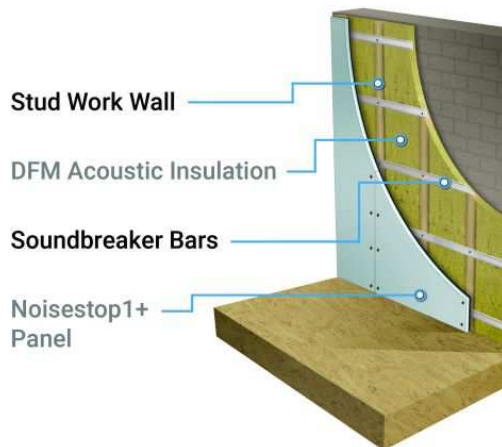


Product Information

Wall System 1



Wall System 1 comprises materials to build an acoustic wall that will reduce high levels of airborne sound through party walls, this system will also reduce impact sounds through walls. The combination of acoustic insulation, soundbreaker bars and soundproof panels supplied with this system will be suitable for use in homes that want to reduce unwanted sound from noisy neighbours. When installed on a party wall this solution is approximately 85mm thick. The noise reduction using this system is up to 60dB.

Products supplied in this soundproofing system

- DFM acoustic insulation 50mm/60kg/m³ (A1 Non-combustible)
- Soundbreaker bars
- Noisestop 1+ soundproof panel (½ hour fire rating)
- AC50 acoustic sealant

Fitting

- Install a stud frame to build the acoustic wall using timber or metal studs. Try to avoid fixing into the party wall, this will reduce the chance of sound transfer through the fixings. Attach the new stud to the floor, ceiling and return walls.
- Use the DM acoustic insulation to fill the void between the studs, ensure no gaps are left and the slabs are butted together with no gaps between the frame and the insulation.
- Attach soundbreaker bars to the face of the stud wall, fixing the bars to the frame with screws along the pre-drilled holes along one edge. The bars should be spaced at 600mm centres this will ensure you have three bars per board to fix into. The edge with the pre-drilled holes should be at the bottom of the bar when they are on the wall, the wider corrugated section should be facing into the room.
- The boarding you are using is screwed into the corrugated section of the bar. You will not need to drill the boards, use dry wall or universal screws to attach the boards to the bars. Screw through the boards into the bars.
- As you are installing each panel apply a bead of acoustic sealant to the edge of the boards. The sealant will ensure each board is acoustically sealed. You can also apply sealant to the boards once you have completed the installation to fill any small gaps.
- The boards can be finished with a plaster skim or taped and filled along the tapered edge.