Acoustic floors: the complete build-up

An added board is one component of a sound-control system.

Build Supply | SulfRock | Intelligent Panel Systems | HomePod

1 Airborne sound

Mass, separation and sealed junctions work together to reduce transmission of voices and other airborne sound.

2 Impact sound

A suitable resilient layer helps limit footsteps reaching the structure. Keep perimeter isolation continuous.

3 Structural support

Confirm the deck and joists can carry all added dead and imposed loads. A topping board is not automatically a structural deck.

4 Ceiling and cavity

Specify cavity absorption, resilient support and ceiling layers as part of the tested or assessed assembly.

5 Avoid acoustic bridges

Rigid fixings, service penetrations and perimeter contact can bypass the isolation layer.

6 Use system evidence

Check the complete floor/ceiling test report and relevant project sound requirements. Do not assign a dB improvement to a board alone.

Performance belongs to the full assembly, including junctions and workmanship.

REFERENCE GUIDANCE

GOV.UK: Approved Document E

Use current product instructions and the approved project design. For regulations, confirm the UK nation, applicable edition and transitional arrangements.

Help us keep our information accurate.

If you notice an error, outdated information or something that needs clarification in this document, please let us know.
Report an Issue: Visit our website and select Report a Website or Document Issue.
intelligentpanelsystems.co.uk