

G6 Airborne and impact sound

Prevention of undue noise transmission in building elements between occupancies or common spaces in household units.

Under this clause, building elements that are common between occupancies are required to be constructed to prevent undue noise transmission from other occupancies or common spaces in household units.

It requires a Sound Transmission Class for walls, floors and ceilings of no less than 55, and for Impact Insulation Class of floors to be no less than 55.

[Record of amendments \(https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/record-of-amendments/\)](https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/record-of-amendments/) is a record of changes to the Acceptable Solutions, Verification Methods and handbooks.

Updates

MBIE to consult twice yearly on changes to the Building Code System

10 AUGUST 2018

MBIE will now consult twice yearly to ensure Acceptable Solutions and Verification Methods are up to date.

[\(https://www.building.govt.nz/about-building-performance/news-and-updates/all-news-and-updates/bc-update-237/\)](https://www.building.govt.nz/about-building-performance/news-and-updates/all-news-and-updates/bc-update-237/)

Consultation on amending Acceptable Solutions and Verification Methods 2018

8 AUGUST 2018

We want your feedback by 21 September on proposals to amend Acceptable Solutions and Verification Methods.

[\(https://www.building.govt.nz/about-building-performance/news-and-updates/all-news-and-updates/bc-update-236/\)](https://www.building.govt.nz/about-building-performance/news-and-updates/all-news-and-updates/bc-update-236/)

View all related news and updates [\(https://www.building.govt.nz/search/?bcc%5B%5D=g6-airborne-and-impact-sound&area=news-and-updates&show=all&action_doSearch=Search&sort=recent#results\)](https://www.building.govt.nz/search/?bcc%5B%5D=g6-airborne-and-impact-sound&area=news-and-updates&show=all&action_doSearch=Search&sort=recent#results)

Acceptable Solutions and Verification Methods

Current version

These are issued by MBIE to provide one way of complying with the Building Code and must be accepted by BCAs as demonstrating compliance with the related clauses of the Building Code. Using them is not mandatory.

1st edition, amendment 2

[PDF 362 KB]

Effective from 1 December 1995

(<https://www.building.govt.nz/assets/Uploads/building-code-compliance/g-services-and-facilities/g6-airborne-and-impact-sound/asvm/g6-airborne-and-impact-sound-1st-edition-amendment-2.pdf>)

Acceptable Solutions and Verification Methods

(<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the “compliance document” title but the AS or VMs they contain are valid and unaffected by the name change.

Version history (<https://www.building.govt.nz/building-code-compliance/g-services-and-facilities/g6-airborne-and-impact-sound/acceptable-solutions-and-verification-methods/>)

Related Determinations

Determinations are made by MBIE on matters of doubt or dispute to do with building work. Rulings are legally binding in relation to each case. Circumstances in one case may differ to others.

2019/010: Regarding the code compliance of an intertenancy wall in an apartment building with respect to sound transmission

<p>This determination considers the level of sound attenuation to a wall between two units in an apartment building. The level of sound attenuation is less than that required in the relevant Verification Method for Clause G6 Airborne and impact sound of the Building Code.</p>

(<https://www.building.govt.nz/resolving-problems/resolution-options/determinations/determinations-issued/determination-2019-010/>)

2017/068: Amendment to a building consent for an apartment building with tiled decks

<p>This determination considers the authority's refusal to grant an amendment to a building consent for remediation of tiled decks. The matter turns on whether the acoustic mat as part of the proposed tiling system will comply with Clauses G6 and B2.</p>

(<https://www.building.govt.nz/resolving-problems/resolution-options/determinations/determinations-issued/determination-2017-068/>)

View 8 Determinations related to Airborne and impact sound

(https://www.building.govt.nz/resolving-problems/resolution-options/determinations/determinations-issued/?bcc%5B%5D=g6-airborne-and-impact-sound&action_doSearch=Search#results)

Related building products

All products, systems and construction methods that have achieved CodeMark status will be listed here with their most up to date certificate.

View 4 certified building products associated with Airborne and impact sound (https://www.building.govt.nz/building-code-compliance/product-assurance-and-multiproof/codemark/product-certificate-register/?&bcc%5B%5D=g6-airborne-and-impact-sound&action_doSearch=Search#results)



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