

B2 Durability

Confirming the use of materials that will remain functional for the minimum periods specified (5, 15 or ≥50 years).

B2 Durability must always be considered when demonstrating compliance with each of the clauses of the Building Code. In other words, it ensures that a building will continue to satisfy the performance of the Building Code throughout its specified intended life.

Under the clause, building materials, components and construction methods are required to be sufficiently durable. They must ensure that the building, without reconstruction or major renovation, continues to satisfy the other functional requirements of the Building Code throughout its life. B2 specifies minimum durability periods building elements must meet with only normal maintenance, being not less than 50, 15 or 5 years.

Under Section 67 of the Building Act 2004, councils may consider a waiver or modification to the durability period of a building element.

[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

Updates to the Building Code will make it easier to comply

27 JUNE 2019

Updates to the Building Code will be published on 27 June 2019 following MBIE's public consultation and analysis of submissions.

[\(https://www.building.govt.nz/about-building-performance/news-and-updates/all-news-and-updates/updates-to-the-building-code-will-make-it-easier-to-comply/\)](https://www.building.govt.nz/about-building-performance/news-and-updates/all-news-and-updates/updates-to-the-building-code-will-make-it-easier-to-comply/)

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/)

View all related news and updates https://www.building.govt.nz/search/?bcc%5B%5D=b2-durability&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.

2nd edition, amendment 11

[PDF 880 KB]

Effective from 27 June 2019

(<https://www.building.govt.nz/assets/Uploads/building-code-compliance/b-stability/b2-durability/asvm/b2-durability-2nd-edition-amendment-11.pdf>)

2nd edition, amendment 11 replacement pages

[PDF 774 KB]

(<https://www.building.govt.nz/assets/Uploads/building-code-compliance/b-stability/b2-durability/asvm/b2-durability-2nd-edition-amendment-11-rp.pdf>)

2nd edition, amendment 10

[PDF 587 KB]

Effective from 30 November 2018 until 31 October 2019

(<https://www.building.govt.nz/assets/Uploads/building-code-compliance/b-stability/b2-durability/asvm/b2-durability-2nd-edition-amendment-10.pdf>)

2nd edition, amendment 10 replacement pages

[PDF 251 KB]

(<https://www.building.govt.nz/assets/Uploads/building-code-compliance/b-stability/b2-durability/asvm/b2-durability-2nd-edition-amendment-10-rp.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 \(https://www.building.govt.nz/building-code-compliance/b-stability/b2-durability/b2-acceptable-solutions-and-verification-methods/\)](https://www.building.govt.nz/building-code-compliance/b-stability/b2-durability/b2-acceptable-solutions-and-verification-methods/)

Standards

Standards are frequently referred to in Acceptable Solutions and Verification Methods. They provide practical information and guidelines for building solutions.

Previous versions

2nd edition, amendment 9

[PDF 577 KB]

(<https://www.building.govt.nz/assets/Uploads/building-code-compliance/b-stability/b2-durability/asvm/b2-durability-2nd-edition-amendment-9.pdf>)

2nd edition, amendment 9 replacement pages

[PDF 585 KB]

(<https://www.building.govt.nz/assets/Uploads/b2-durability-2nd-edition-amendment-9-rp.pdf>)

Over 120 building standards used for Building Code compliance are now available for free download.

See the free standards relating to Code Clause B2 (<https://www.standards.govt.nz/sponsored-standards/building-standards/?buildingcode=B2>).

All standards, including the funded ones, can be accessed through the Standards New Zealand website (<https://www.standards.govt.nz/>).

Guidance

These documents are provided for assistance. They are not intended as a means of establishing compliance with the Building Act or Building Code, and they do not have the same status accorded to Acceptable Solutions and Verification Methods under the Act.



(<https://www.building.govt.nz/building-code-compliance/b-stability/b1-structure/practice-advisory-19/>)

Practice Advisory 19: Improving earthquake performance of non-structural elements

Good performance of non-structural elements in earthquakes can save lives and costs.

(<https://www.building.govt.nz/building-code-compliance/b-stability/b1-structure/practice-advisory-19/>)



(<https://www.building.govt.nz/building-code-compliance/b-stability/b1-structure/practice-advisory-20/>)

Practice Advisory 20: Improving earthquake performance of secondary structural elements

Good performance of secondary structural elements in earthquakes can save lives and costs.

(<https://www.building.govt.nz/building-code-compliance/b-stability/b1-structure/practice-advisory-20/>)

View all related guidance (https://www.building.govt.nz/search/?bcc%5B%5D=b2-durability&area=guidance&show=all&action_doSearch=Search&sort=recent#results)

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.

2019/020: The refusal to issue a code compliance certificate for a 16-year-old house with monolithic cladding

This determination considers an authority's refusal to issue a code compliance

2019/015: Regarding the refusal to extend the specified intended life of a house

This determination concerns the authority's refusal to extend the specified intended life of a straw-bale house. It considers whether the authority had the power to consent to the extension when written notice from the owner proposing

certificate for a 16-year-old house principally for reasons to do with the performance of the building envelope. The determination considers the authority's reasons for the refusal and whether the items identified by the authority are compliant with the Building Code.

[\(https://www.building.govt.nz/resolving-problems/resolution-options/determinations/determinations-issued/determination-2019-020/\)](https://www.building.govt.nz/resolving-problems/resolution-options/determinations/determinations-issued/determination-2019-020/)

to extend the life of the building was not received until after the previous specified life had expired. The determination discusses the conditions on the consent and the reasons for the specified intended life, the form in which the authority may choose to give consent to extend that life, and the evidence available on the building's performance.

[\(https://www.building.govt.nz/resolving-problems/resolution-options/determinations/determinations-issued/determination-2019-015/\)](https://www.building.govt.nz/resolving-problems/resolution-options/determinations/determinations-issued/determination-2019-015/)

View 1025 Determinations related to Durability [\(https://www.building.govt.nz/resolving-problems/resolution-options/determinations/determinations-issued/?bcc%5B%5D=b2-durability&action_doSearch=Search#results\)](https://www.building.govt.nz/resolving-problems/resolution-options/determinations/determinations-issued/?bcc%5B%5D=b2-durability&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 162 certified building products associated with Durability [\(https://www.building.govt.nz/building-code-compliance/product-assurance-and-multiproof/codemark/product-certificate-register/?&bcc%5B%5D=b2-durability&action_doSearch=Search#results\)](https://www.building.govt.nz/building-code-compliance/product-assurance-and-multiproof/codemark/product-certificate-register/?&bcc%5B%5D=b2-durability&action_doSearch=Search#results)



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