

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 12

[PDF 683 KB]

Effective from 28 November 2019

(<https://www.building.govt.nz/assets/Uploads/building-code-compliance/b-stability/b2-durability/asvm/b2-durability-2nd-edition-amendment-12.pdf>)

2nd edition, amendment 12 replacement pages

[PDF 249 KB]

(<https://www.building.govt.nz/assets/Uploads/building-code-compliance/b-stability/b2-durability/asvm/b2-durability-2nd-edition-amendment-12-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.

Previous versions

2nd edition, amendment 11

[PDF 880 KB]

(<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]

(<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>)

Version history (<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.

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 \(https://www.standards.govt.nz/\)](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.



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



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

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

[2019/058: The durability of steel sub-floor bearers built under building consents issued on the basis of national multiple-use approvals](#)

This determination considers whether galvanised steel bearers used in subfloor framing to four houses meet the required minimum 50-year durability period described in Building Code Clause B2.3.1(a). The building consents for the houses were in respect of work described in national multiple-use approvals issued under section 30F of the Act. The houses have been built and the authority has refused to issue the code

[2019/049: The refusal to issue a code compliance certificate for a 20-year-old house with monolithic cladding](#)

This determination considers an authority's refusal to issue a code compliance certificate for a 20-year-old house principally due to concerns about its compliance with Building Code Clause E2 External moisture. 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->

compliance certificates for the as-built work because it is of the view the bearers do not comply with Clause B2 Durability.

[\(https://www.building.govt.nz/resolving-problems/resolution-options/determinations/determinations-issued/determination-2019-058/\)](https://www.building.govt.nz/resolving-problems/resolution-options/determinations/determinations-issued/determination-2019-058/)

[options/determinations/determinations-issued/determination-2019-049/\)](https://www.building.govt.nz/resolving-problems/resolution-options/determinations/determinations-issued/determination-2019-049/)

[View 1034 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 153 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)



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