



# E3 Internal moisture

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Surfaces in wet areas must be impervious, easily cleaned, and have ventilation to meet conditions for health and safety.

This Building Code clause requires buildings to be constructed to avoid fungal growth and excessive moisture. Its provisions relate to habitable spaces, bathrooms, laundries and other spaces where moisture may be generated or accumulate.

Its requirements include provisions for:

- adequate thermal resistance
- space temperature
- ventilation
- disposal of overflow water
- surfaces to be impervious and easily cleaned.

## 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

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[MBIE to consult twice yearly on changes to the Building Code](#)

[Consultation on amending Acceptable Solutions and](#)

## 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/)

## 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  [\(https://www.building.govt.nz/search/?bcc%5B%5D=e3-internal-moisture&area=news-and-updates&show=all&action\\_doSearch=Search&sort=recent#results\)](https://www.building.govt.nz/search/?bcc%5B%5D=e3-internal-moisture&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.

[PDF 817 KB]

Effective from 1 January 2017

[\(https://www.building.govt.nz/assets/Uploads/building-code-compliance/e-moisture/e3-internal-moisture/asvm/e3-internal-moisture-2nd-edition-amendment6.pdf\)](https://www.building.govt.nz/assets/Uploads/building-code-compliance/e-moisture/e3-internal-moisture/asvm/e3-internal-moisture-2nd-edition-amendment6.pdf)

[PDF 573 KB]

[\(https://www.building.govt.nz/assets/Uploads/e3-internal-moisture-2nd-edition-amendment6-rp.pdf\)](https://www.building.govt.nz/assets/Uploads/e3-internal-moisture-2nd-edition-amendment6-rp.pdf)

Acceptable Solutions and Verification Methods  
 [\(https://www.building.govt.nz/building-code-](https://www.building.govt.nz/building-code-)

## Previous versions

[PDF 782 KB]

[\(https://www.building.govt.nz/assets/Uploads/building-code-compliance/e-moisture/e3-internal-moisture/asvm/e3-internal-moisture-amendment-5.pdf\)](https://www.building.govt.nz/assets/Uploads/building-code-compliance/e-moisture/e3-internal-moisture/asvm/e3-internal-moisture-amendment-5.pdf)

[PDF 690 KB]

[\(https://www.building.govt.nz/assets/Uploads/building-code-compliance/e-moisture/e3-internal-moisture/asvm/e3-internal-moisture-amendment-5-rp.pdf\)](https://www.building.govt.nz/assets/Uploads/building-code-compliance/e-moisture/e3-internal-moisture/asvm/e3-internal-moisture-amendment-5-rp.pdf)

[PDF 1.4 MB]

[\(https://www.building.govt.nz/assets/Uploads/building-code-compliance/e-moisture/e3-internal-moisture/asvm/E3-internal-moisture-amendment-4.pdf\)](https://www.building.govt.nz/assets/Uploads/building-code-compliance/e-moisture/e3-internal-moisture/asvm/E3-internal-moisture-amendment-4.pdf)

[PDF 1 MB]

[compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/](https://www.building.govt.nz/building-code-compliance/e-moisture/e3-internal-moisture/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.

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/e-moisture/e3-internal-moisture/asvm/E3-internal-moisture-amendment-4-rp.pdf>

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Version history [\(https://www.building.govt.nz/building-code-compliance/e-moisture/e3-internal-moisture/acceptable-solutions-and-verification-methods/\)](https://www.building.govt.nz/building-code-compliance/e-moisture/e3-internal-moisture/acceptable-solutions-and-verification-methods/)

## Guidance

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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.

### Well-sealed shower penetrations prevent water damage

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Guidance on preventing water damage from inadequately sealed penetrations in shower linings.

[\(https://www.building.govt.nz/building-code-compliance/e-moisture/e3-internal-moisture/well-sealed-shower-penetrations-prevent-water-damage/\)](https://www.building.govt.nz/building-code-compliance/e-moisture/e3-internal-moisture/well-sealed-shower-penetrations-prevent-water-damage/)

### Timber and timber-based flooring in wet areas

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Guidance on interpreting treatment of flooring in wet areas in NZS 3602: Timber and Wood Based Products for Use in Build

[\(https://www.building.govt.nz/building-code-compliance/b-stability/b2-durability/timber-and-timber-based-flooring-in-wet-areas/\)](https://www.building.govt.nz/building-code-compliance/b-stability/b2-durability/timber-and-timber-based-flooring-in-wet-areas/)

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View all related guidance [https://www.building.govt.nz/search/?bcc%5B%5D=e3-internal-moisture&area=guidance&show=all&action\\_doSearch=Search&sort=recent#results](https://www.building.govt.nz/search/?bcc%5B%5D=e3-internal-moisture&area=guidance&show=all&action_doSearch=Search&sort=recent#results)

## Related Determinations

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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.

**2018/066: Authority's decision to issue a code compliance certificate for alterations to a relocated house**

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**2018/060: Refusal to grant building consent for retrofitting polyisocyanurate insulation in a**

This determination considers the issue of a code compliance certificate for alterations to a relocated house. The determination discusses the compliance of the building work with the building consent and with relevant clauses of the Building Code

[\(https://www.building.govt.nz/resolving-problems/resolution-options/determinations/determinations-issued/determination-2018-066/\)](https://www.building.govt.nz/resolving-problems/resolution-options/determinations/determinations-issued/determination-2018-066/)

## house

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This determination considers the code-compliance of retrofitted rigid foam insulation board to insulate the walls of an existing house. The determination considers whether the proposed insulation board will satisfy certain clauses of the Building Code to the extent required by the Building Act.

[\(https://www.building.govt.nz/resolving-problems/resolution-options/determinations/determinations-issued/determination-2018-060/\)](https://www.building.govt.nz/resolving-problems/resolution-options/determinations/determinations-issued/determination-2018-060/)

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View 135 Determinations related to Internal moisture ([https://www.building.govt.nz/resolving-problems/resolution-options/determinations/determinations-issued/?bcc%5B%5D=e3-internal-moisture&action\\_doSearch=Search#results](https://www.building.govt.nz/resolving-problems/resolution-options/determinations/determinations-issued/?bcc%5B%5D=e3-internal-moisture&action_doSearch=Search#results))

## Related building products

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

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View 16 certified building products associated with Internal moisture ([https://www.building.govt.nz/building-code-compliance/product-assurance-and-multiproof/codemark/product-certificate-register/?&bcc%5B%5D=e3-internal-moisture&action\\_doSearch=Search#results](https://www.building.govt.nz/building-code-compliance/product-assurance-and-multiproof/codemark/product-certificate-register/?&bcc%5B%5D=e3-internal-moisture&action_doSearch=Search#results))

