

Constructing cavities for wall claddings

All content related to E2 External moisture (<https://www.building.govt.nz/building-code-compliance/e-moisture/e2-external-moisture/>)

Guidance

Constructing cavities for wall claddings

[PDF 2.3 MB]

(<https://www.building.govt.nz/assets/Uploads/building-code-compliance/e-moisture/e2-external-moisture/constructing-cavities.pdf>)

About this document

Of interest to Building consent authorities, Builders

1st edition

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Introduction

A practical and easy-to-follow guide that explains how to construct drained and vented cavities for timber-framed buildings to ensure they are well built and healthy. It is targeted for people involved in design, construction and weathertightness compliance.

Contents

For timber-framed buildings in New Zealand, recent science and research has identified 'drainage' and 'drying' of water as critical functions of cavities.

This booklet will help you construct cavities according to E2/AS1 to help ensure buildings are well built and healthy. Note that E2/AS1 is amended from time to time, and the most recent version of E2/AS1 should be referred to for compliance with the Building Code.

It sets out the importance of designing for weathertightness, including:

- when cavities are needed
- installing wall underlays
- cavity battens
- closing off the top cavity
- drainage and ventilation
- cavity walls over two storeys
- installing window and door joinery
- air seals.

Note that it does not explain the cavity behind masonry veneer wall claddings.

All guidance documents related to E2 External moisture(https://www.building.govt.nz/search/?bcc%5B%5D=e2-external-moisture&area=guidance&show=all&action_doSearch=Search&sort=recent#results)



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- with compliance with the Building Act, it is published under section 175 of the Building Act
- with a Weathertight Services claim, it is published under section 12 of the Weathertight Homes Resolution Services Act 2006.