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## Acceptable Solution E2/AS2: Earth buildings

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Abbreviation

E2/AS2

Amendment

4

Version

Third Edition, Amendment 4

Valid to

31/01/2012

Valid from

01/05/2008

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Information provider

Ministry of Business, Innovation and Employment

Information type

Acceptable Solution

Format

PDF

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Cites

[This resource cites 4 documents \(show Citations\)](#)

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### Description

Acceptable Solution E2/AS2 provides a means of compliance with New Zealand Building Code Clause E2 External Moisture for Earth Buildings.

Building Code Clause E2 ensures external roof, wall claddings and external openings will prevent external moisture from causing undue dampness or damage.

It requires buildings to be constructed to provide adequate resistance to penetration by, and the accumulation of, moisture from the outside.

It contains requirements for roofs, wall claddings and external openings to:

- prevent water entry
- prevent water absorption and transmission
- prevent the accumulation of water
- allow for dissipation.

The clause applies to most buildings, as set out in the limit on application in E2.2.

Earth buildings complying with NZS 4299 as modified by this Acceptable Solution meet the performance criteria of NZBC E2.

## Scope

Where buildings are based on NZS 4299 but require specific structural engineering design input, the structure must be of at least equivalent stiffness to the provisions of NZS 4299. Such designs are outside the scope of this Acceptable Solution and proposals must be submitted to, and approved by, the building consent authority as part of the normal building consent process.

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**This document CITES:**

**New Zealand Standards**

- [NZS 3604:1999](#)

E2/AS2 cites NZS 3604:1999 Timber framed buildings from 01/07/2004

- [NZS 4298:1998](#)

E2/AS2 cites NZS 4298:1998 Materials and workmanship for earth buildings from 01/05/2008

- [NZS 4299:1998](#)

E2/AS2 cites NZS 4299:1998 Earth buildings not requiring specific design from 01/05/2008

- [NZS 4431:1989](#)

E2/AS2 cites NZS 4431:1989 Code of practice for earth fill for residential development from 01/05/2008

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