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Code of Practice for Weathertight Concrete and Concrete Masonry Construction

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Abbreviation

CCANZ CP 01:2014

Amendment

Errata 1 January 2015

Valid from

01/01/2014

Information provider

CCANZ

Author

CCANZ

Information type

Code of Practice

Format

PDF

Cited By

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Description

This code of practice covers the weathertightness of the building envelope for:

- Concrete slab on ground,
- Concrete and concrete masonry wall systems,
- Concrete flat roofs and decks, and
- Concrete to timber construction junctions.

Scope

The building type shall be as per the following limitations:

- a) Buildings shall comply with importance levels 1 & 2 of AS/NZS 1170 - Structural Design Actions,
- b) Buildings shall be built on good ground as defined in NZS 4229, but with "liquefaction and lateral spread" added to the list of excluded ground,

c) The building configuration shall comply with NZS 4229, 1.1.3 (e) except that the total floor area for single storey buildings can be up to 1000m², and

d) The slope of the finished concrete roof and deck membrane shall be no less than 1.5°.

This Code of Practice covers three types of concrete walls:

A. Concrete masonry construction

B. Insitu concrete construction, and

C. Precast concrete construction.

This Code of Practice also provides weathertightness details for four alternative positions for the wall insulation:

1. On the inner face of the wall, or
2. On the outside face of the wall (EIFS systems), or
3. Integral within the wall itself, or
4. Within a ventilated cavity.

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- [E2/AS3 \(Third edition, amendment 7\)](#)
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- [E2/AS3 \(Third Edition, Amendment 5\)](#)
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- [E2/AS3 \(Third Edition, Amendment 5, Errata 2\)](#)
CCANZ CP 01:2014 is cited by Acceptable Solution E2/AS3: Concrete and Concrete Masonry Buildings from 01/08/2011

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- [AS/NZS 1170.0:2002](#)

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- [AS/NZS 1170.1:2002](#)

CCANZ CP 01:2014 cites AS/NZS 1170.1:2002 (R2016) Structural Design Actions - Permanent, imposed and other actions

- [AS/NZS 1170.2:2002](#)

CCANZ CP 01:2014 cites AS/NZS 1170.2:2002 Structural Design Actions - Wind Actions

- [AS/NZS 1170.3:2003 \(Reconfirmed in 2016\)](#)

CCANZ CP 01:2014 cites AS/NZS 1170.3:2003 (R2016) Structural Design Actions - Snow and ice actions

- [AS/NZS 2311:2000](#)

CCANZ CP 01:2014 cites AS/NZS 2311:2000 Guide to the painting of buildings

- [AS/NZS 2699.1:2000](#)

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- [AS/NZS 2728:2007](#)

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CCANZ CP 01:2014 cites AS/NZS 4455.1:2008 Masonry units, pavers, flags and segmental retaining wall units - Masonry units

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- [AS/NZS 4671:2001](#)

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- [AS/NZS 4858:2004](#)

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- [NZS 1170.5:2004](#)

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- [NZS 3109:1997](#)

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CCANZ CP 01:2014 cites AS 1366.3-1992 (R2018) Rigid cellular plastics sheets for thermal insulation - Rigid cellular polystyrene - moulded (RC/PS-M)

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- BU 515 Measuring moisture on building sites (a link to this resource is not available)

- [ASTM C1330 - 02](#)

CCANZ CP 01:2014 cites ASTM C1330 - 02 Standard Specification for Cylindrical Sealant - Backing for Use with Cold Liquid Applied Sealants

- [ASTM C1549-02](#)

CCANZ CP 01:2014 cites ASTM C1549-02 Standard Test Method for Determination of Solar Reflectance Near Ambient Temperature Using a Portable Solar Reflectometer

- [ASTM C755-10](#)

CCANZ CP 01:2014 cites ASTM C755-10 Standard Practice for Selection of Water Vapor - Retarders for Thermal Insulation

- [ASTM D2842-06](#)

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- [ASTM D7105: 06](#)

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- [ASTM D903 - 98\(2010\)](#)

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- [ASTM E104-02](#)

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- [ASTM E2098-00](#)

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Hydroxide Solution

- [ASTM E2134 - 01 \(2006\)](#)

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- [BS EN 1504-2:2004](#)

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- [Code of Practice for Torch-on Membrane Systems for Roofs and Decks](#)

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- [FED TT-S-00230C](#)

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- [ICBO AC148](#)

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- [ISO 11600:2002](#)

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CCANZ CP 01:2014 cites TM 34 Tilt-up Technical Manual

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