

AS/NZS 3500.3:2015

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Australian/New Zealand Standard™

Plumbing and drainage

Part 3: Stormwater drainage



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This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee WS-014, National Plumbing And Drainage Code. It was approved on behalf of the Council of Standards Australia on 17 October 2014 and on behalf of the Council of Standards New Zealand on 31 October 2014.
This Standard was published on 2 March 2015.

The following are represented on Committee WS-014:

Association of Hydraulic Services Consultants Australia
Australian Building Codes Board
Australian Industry Group
Building Officials Institute of New Zealand
Gas Appliance Manufacturers Association of Australia
Institute of Plumbing Australia
International Copper Association of Australia
Master Plumbers Australia
National Fire Industry Association
Plastics Industry Pipe Association of Australia
Plastics New Zealand
Plumbing Products Industry Group
Water New Zealand

Additional Interests:

Australian Steel Institute
Australian Water Association
BlueScope Steel
Department of Commerce WA
Department of Justice (Tasmania)
Housing Industry Association
Insurance Council of Australia
Master Plumbers and Mechanical Services Association of Australia
Victorian Building Authority

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Standards are living documents which reflect progress in science, technology and systems. To maintain their currency, all Standards are periodically reviewed, and new editions are published. Between editions, amendments may be issued. Standards may also be withdrawn. It is important that readers assure themselves they are using a current Standard, which should include any amendments which may have been published since the Standard was purchased.

Detailed information about joint Australian/New Zealand Standards can be found by visiting the Standards Australia Web Site at www.standards.org.au or Standards New Zealand web site at www.standards.co.nz and looking up the relevant Standard in the on-line catalogue.

For more frequent listings or notification of revisions, amendments and withdrawals, Standards Australia and Standards New Zealand offer a number of update options. For information about these services, users should contact their respective national Standards organization.

We also welcome suggestions for improvement in our Standards, and especially encourage readers to notify us immediately of any apparent inaccuracies or ambiguities. Please address your comments to the Chief Executive of either Standards Australia or Standards New Zealand at the address shown on the back cover.

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee WS-014, Plumbing and Drainage, to supersede AS/NZS 3500.3:2003.

The objective of this Standard is to provide solutions to comply with—

- (a) the National Construction Code; and
 - (b) the Building Code of New Zealand,
- for stormwater drainage.

This Standard is part of a series of Standards for plumbing and drainage, as follows:

AS/NZS

3500	Plumbing and drainage
3500.0	Part 0: Glossary of terms
3500.1	Part 1: Water services
3500.2	Part 2: Sanitary plumbing and drainage
3500.3	Part 3: Stormwater drainage (this Standard)
3500.4	Part 4: Heated water services
3500.5	Part 5: Housing installations

The objective of this revision is to ensure compliance with the ABCB protocol for referenced documents.

This Standard does not cover the criteria for soakers and siphonic systems. Sufficient data was not available in these areas at the time of publication. These areas will be included in a future edition of this Standard, subject to additional research and investigation being carried out.

The terms ‘normative’ and ‘informative’ have been used in this Standard to define the application of the appendix to which they apply. A ‘normative’ appendix is an integral part of a Standard, whereas an ‘informative’ appendix is only for information and guidance.

Statements expressed in mandatory terms in notes to figures and tables are deemed to be requirements of this Standard.

Notes used in this Standard are of an advisory nature only and are used to give explanation or guidance to the user on recommended considerations or technical procedures, or to provide an informative cross-reference to other documents or publications. Notes to clauses in this Standard do not form a mandatory part for compliance with this Standard.

This document includes commentary on some of the clauses of the Standard. The commentary directly follows the relevant clause, is designated by ‘C’ preceding the clause number and is printed in italics in a box. The commentary is for information and guidance and does not form part of the Standard.

Some materials and products used in a stormwater drainage system are provided with instructions for installation and use. Although not a requirement of this Standard or acceptable as an alternative to the requirements of this Standard, compliance with these instructions generally ensures that—

- (i) the material or product is fit for the application;
- (ii) the performance of the system is not degraded;
- (iii) the durability of the material or product is not impaired; and
- (iv) the manufacturer’s warranty remains valid.

PROVISION FOR REVISION

This Standard necessarily deals with existing conditions, but is not intended to discourage innovation or to exclude materials, equipment and methods, which may be developed in future. Revisions will be made from time to time in view of such developments and amendments to this edition will be made only when absolutely necessary.

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