

Australian Standard<sup>®</sup>

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**National plumbing and drainage  
code**

**Part 3: Stormwater drainage**

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STANDARDS AUSTRALIA

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SECTION 1 SCOPE AND GENERAL

**1.1 SCOPE** This Standard sets out materials and products, design and installation requirements for stormwater plumbing and stormwater drainage up to the Regulatory Authority's point(s) of connection. The Standard applies to new installations as well as alternations, additions, and repairs to existing installations.

**1.2 APPLICATION**

**1.2.1 General** This Standard is to be read in conjunction with—

- (a) Australian Standards that deal with roofwater systems;
  - (i) AS 1639 and AS 2180; and
  - (ii) AS 1562 and AS CA55 varied as specified in Clause 3.2.2;
- (b) Australian Rainfall and Runoff, 1987; and
- (c) by-laws and regulations of the relevant regulatory authority.

**1.2.2 New materials and methods** This Standard shall not be interpreted to prevent the use of materials or methods not specifically referred to herein. If it is desired to use materials or methods not covered by this Standard, they shall be submitted to the relevant authority for authorization.

**1.2.3 Unusual installations** Certain installations or portions of installations which are unusual due to particular circumstances or methods, may not be covered in detail or permitted by this Standard.

Details of such installations shall be submitted to the relevant authority which, having regard to all the circumstances, may authorize the installation.

**1.3 REFERENCED DOCUMENTS** The documents referred to in this Standard are listed in Appendix A.

**1.4 DEFINITIONS** The definitions given in AS 3500.0 shall apply.

**1.5 PIPE GRADIENTS** In this Standard pipe gradients are expressed as a percentage. The equivalent gradients expressed as a ratio (vertical: horizontal) are given in Appendix B, Table B1.

**1.6 CLASSIFICATION OF SOILS** Soils shall be classified in accordance with AS 1726.

**1.7 CLASSIFICATION OF BUILDINGS** Buildings shall be classified in accordance with Appendix C.

**1.8 FIRE RESISTANCE LEVEL (FRL)** Stormwater installations shall be installed in a manner that maintains the FRL, as specified in the Building Code of Australia, of any effected building components.

**1.9 SAFETY** The works covered by this Standard shall comply with the safety requirements of the relevant regulatory authorities.