

Australian Standard™

National plumbing and drainage

**Part 3.1: Stormwater drainage—
Performance requirements**

This Australian Standard was prepared by Committee WS/20, Stormwater. It was approved on behalf of the Council of Standards Australia on 11 August 1998 and published on 5 November 1998.

The following interests are represented on Committee WS/20:

Association of Consulting Engineers, Australia
Association of Hydraulic Services Consultants, Australia
Australian Aluminium Council
Australian Chamber of Commerce and Industry
Australian Chamber of Manufactures
Australian Institute of Loss Adjusters
Bureau of Meteorology (Australia)
Department of Land and Water Conservation, N.S.W.
Department of Local Government and Planning, Qld
Local Government Office, Tas.
Master Builders Australia
Master Plumbers and Mechanical Services Association of Australia
Master Plumbers Australia
Metal Building Products Manufacturers Association (Australia)
New Zealand Local Government Association
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Originated in part as part of AS CS3—1931.
Previous editions AS 2180—1986 and AS 3500.3—1990.
AS 2180—1986 and AS 3500.3—1990 revised, amalgamated
and redesignated in part as AS 3500.3.1—1998.

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee WS/20, Stormwater, to supersede (in part) AS 2180—1986, *Metal rainwater goods—Selection and installation*, and AS 3500, *National Plumbing and Drainage Code*, Part 3—1990: *Stormwater drainage* which will be withdrawn 5 June 1999.

This Standard is the result of a consensus among Australian and New Zealand representatives on the committee to produce it as an Australian Standard.

This Standard is part of a series as follows:

AS 3500 National plumbing and drainage

3500.3.1 Part 3.1: Stormwater drainage—Performance requirements (this Standard)

3500.3.2 Part 3.2: Stormwater drainage—Acceptable solutions

Stormwater drainage—Methods for verification (Part 3.3) is in the course of preparation.

The performance-based format was chosen to foster innovation and facilitate the introduction of new technologies.

This Standard specifies performance requirements that must be met in order for a stormwater drainage system to provide the expected level of protection for people and property from adverse effects of stormwater.

Part 3.2 specifies acceptable solutions that are deemed to satisfy Part 3.1 and the Building Codes of Australia and New Zealand, for materials and products, and design and installation of stormwater drainage systems.

Part 3.3 will specify methods for verification that are deemed to satisfy Part 3.1, for the design and testing of stormwater drainage systems. Such methods are not exclusive.

This arrangement provides the flexibility for a design to utilize new technology where appropriate, while providing certainty for those wishing to use a set of 'proven' requirements.

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