AS/NZS 2904:1995

Australian/New Zealand Standard®

Damp-proof courses and flashings

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee BD/29, Damp-proof Courses and Flashings. It was approved on behalf of the Council of Standards Australia on 4 August 1995 and on behalf of the Council of Standards New Zealand on 14 August 1995. It was published on 5 November 1995.

The following interests are represented on Committee BD/29:

Aluminium Development Council (Australia)
Auckland Manufacturers Association
Australian Chamber of Commerce and Industry
Australian Institute of Building Surveyors
Australian Institute of Building
Clay Brick and Paver Institute (Australia)
Concrete Masonry Association of Australia
Department of Local Government and Co-operatives (Australia)
Master Plumbers and Mechanical Services Association of Victoria
Metal DPC Manufacturers (Australia)
Plastics and Chemicals Industry Association (Australia)
Royal Australian Institute of Architects

Review of Standards. To keep abreast of progress in industry, Joint Australian/New Zealand Standards are subject to periodic review and are kept up to date by the issue of amendments or new editions as necessary. It is important therefore that Standards users ensure that they are in possession of the latest edition, and any amendments thereto.

Full details of all Joint Standards and related publications will be found in the Standards Australia and Standards New Zealand Catalogue of Publications; this information is supplemented each month by the magazines 'The Australian Standard' and 'Standards New Zealand', which subscribing members receive, and which give details of new publications, new editions and amendments, and of withdrawn Standards.

Suggestions for improvements to Joint Standards, addressed to the head office of either Standards Australia or Standards New Zealand, are welcomed. Notification of any inaccuracy or ambiguity found in a Joint Australian/New Zealand Standard should be made without delay in order that the matter may be investigated and appropriate action taken.

This Standard was issued in draft form for comment as DR 94170 (in part).

AS/NZS 2904:1995

Australian/New Zealand Standard®

Damp-proof courses and flashings

PUBLISHED JOINTLY BY:

STANDARDS AUSTRALIA
1 The Crescent,
Homebush NSW 2140 Australia

STANDARDS NEW ZEALAND
Level 10, Radio New Zealand House,
155 The Terrace,
Wellington 6001 New Zealand

ISBN 0 7337 0054 3

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee BD/29 on Damp-proof Courses and Flashings, to supersede AS 2904—1986. It is issued as a Joint Standard.

The Standard does not cover mortar-type damp-proof courses since these are dealt with in AS 3700, *Masonry in buildings (known as the SAA Masonry Code)*.

The Standard includes performance requirements and a list of commonly used materials deemed to be satisfactory. The Committee examined the range of damp-proof courses and flashings in common use. Since these materials have proved to be quite satisfactory for a long period of time, it seemed unreasonable that they should have to demonstrate full compliance with a set of performance requirements aimed primarily at new products.

There are five groups of materials in current use, viz. metals, bitumen-coated metals, polyethylene coated metals, bitumen-impregnated materials, and polyethylene. These are fully specified in this Standard together with relevant tests and any limitations on their use.

The performance requirements are based on the appropriate test methods from previous Standards, updated and metricated. An impact test originally used for polyethylene has been applied to all damp-proof courses and flashings to provide a suitable level of robustness.

The 'deemed to satisfy' provisions are specific to the materials detailed in Clause 7 of the Standard. Products not complying with these minimum manufacturing requirements would require full assessment of performance in the same way as any new material or combination of materials. New materials or combinations may require additional criteria of acceptance and this would be considered in future editions of the Standard.

The objective of this Standard is to provide manufacturers and users of damp-proof courses and flashings with specifications covering the manufacturer and performance of damp-proof courses and flashings for use in building applications.

CONTENTS

Page

Originated in Australia as part of SAA Int. 326—1953 and SAA Int. 327—1953.
Previous edition AS 2904—1986.
Jointly revised in part and designated AS/NZS 2904:1995

Incorporating:
Amdt 1—1998

STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

Australian/New Zealand Standard

Damp-proof courses and flashings

1 SCOPE This Standard specifies requirements for damp-proof course and flashing materials of the sheet membrane, strip and collar type for use in building construction.

NOTES:

1 For mortar-type damp-proof courses, see AS 3700. This Standard does not include vapour barriers.

2 Alternative methods for determining compliance with this Standard are given in Appendix A.

2 NEW MATERIALS This Standard shall not be interpreted as preventing the use of materials that meet the performance requirements set out in the Standard, but are not specifically referred to herein.

3 REFERENCED DOCUMENTS The following documents are referred to in this Standard:

AS	
1199	Sampling procedures and tables for inspection by attributes
1399	Guide to AS 1199—Sampling procedures and tables for inspection by attributes
1397	Sheet steel and strip—Hot-dipped zinc-coated or aluminium/zinc-coated
1463	Polyethylene pipe extrusion compounds
1566	Copper and copper alloys—Rolled flat products
1804	Soft lead sheet and strip
2341	Methods of testing bitumen and related roadmaking products
2341.8	Method 8: Determination of matter insoluble in toluene
2341.12	Method 12: Determination of penetration of residual bitumen
2341.18	Method 18: Determination of softening point of tar (ring and ball method)
3700	Masonry in buildings (known as the SAA Masonry Code)
AS/NZS	
4347	Damp-proof courses and flashings—Methods of test
4347.1	Method 1: Determination of water permeability
4347.2	Method 2: Determination of continuity of coating on metal centres
4347.3	Method 3: Determination of pliability of bitumen coating on metal centres
4347.4	Method 4: Determination of pliability—Materials with fabric or felt base
4347.5	Method 5: Determination of compression properties
4347.6	Method 6: Determining impact resistance
4347.7	Method 7: Determination of thickness of bitumen coating and thickness or mass of metallic centre
4347.8	Method 8: Preparation of coating bitumen for testing
4347.9	Method 9: Determining thickness
4347.10	Method 10: Determination of mass of desaturated base and percentage saturation

AS/NZS 2904:1995 Damp-proof courses and flashings