

# Australian Standard<sup>®</sup> 2904—1986

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## DAMP-PROOF COURSES AND FLASHINGS



**STANDARDS ASSOCIATION OF AUSTRALIA**  
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This Australian standard was prepared by Committee BD/29 Damp-proof Courses and Flashings. It was approved on behalf of the Council of the Standards Association of Australia on 7 August 1986 and published on 6 October 1986.

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The following interests are represented on Committee BD/29:

- Aluminium Development Council
- Australian Institute of Building Surveyors
- Australian Lead Development Association
- Brick Development Research Institute
- Coated Aluminium DPC Manufacturers
- Confederation of Australian Industry
- Copper Development Association of Australia
- CSIRO, Division of Building Research
- Department of Local Government, N.S.W.
- Master Builders Federation of Australia
- Master Plumbers Federation of Australia
- Metal DPC Manufacturers
- Metal Trades Industry Association, Australia
- Plastics Institute of Australia
- Royal Australian Institute of Architects

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*This standard was issued in draft form for comment as DR 84144.*

**AUSTRALIAN STANDARD**

# **DAMP-PROOF COURSES AND FLASHINGS**

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## PREFACE

This standard was prepared by the Association's Committee on Damp-proof Courses and Flashings to supersede both SAA Int. 326—1953, Bituminous Damp-proof Courses with Metal Centre, and SAA Int. 327—1953, Bituminous Damp-proof Courses with Fibre Felt Base.

The standard includes flashings because of their similarity to damp-proof courses as regards physical properties and use. The specification for flashings is available to replace those contained in AS 1475, SAA Blockwork Code, Part 1—Unreinforced Blockwork, and AS 1640, SAA Brickwork Code, when those standards are superseded by the SAA Masonry Code (in course of preparation).

The standard does not cover mortar-type damp-proof courses since these are to be dealt with in the forthcoming SAA Masonry Code (see DR 84090).

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 (metals; bitumen coated metals; polyethylene coated metals; bitumen impregnated materials, and polyethylene) and these are fully specified in this standard together with relevant tests and any limitations on their use. They satisfy the performance requirements given in Clause 5 and are subject to assessment in accordance with Clause 8, but only to the extent of the tests listed in Clause 6 for the particular material.

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. Additional tests are provided for shear properties and flexural tensile bond strength of damp-proof course and flashing as a measure of performance in masonry construction. Tensile bond strength is a requirement of this standard only when it is claimed that a particular damp-proof course or flashing conforms to the requirement. A peel test for assessing the strength of adhesives is also provided.

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.

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## CONTENTS

	<i>Page</i>
1 SCOPE ....	4
2 NEW MATERIALS ....	4
3 REFERENCED DOCUMENTS ....	4
4 DEFINITIONS ....	4
5 GENERAL REQUIREMENTS ....	4
6 PERFORMANCE REQUIREMENTS ....	4
7 MATERIALS DEEMED TO BE SATISFACTORY ....	5
8 PACKING AND MARKING ....	7
9 ASSESSMENT OF COMPLIANCE WITH THIS STANDARD ....	8
 APPENDICES	
A SAMPLING PROCEDURE ....	9
B METHOD FOR DETERMINATION OF THICKNESS OF BITU- MEN COATING AND THICKNESS OR MASS OF METALLIC CENTRE ....	11
C METHOD OF PREPARATION OF COATING BITUMEN FOR TESTING ....	13
D METHOD FOR DETERMINATION OF PLIABILITY OF BITU- MEN COATING ON METAL CENTRES ....	14
E METHOD FOR DETERMINATION OF CONTINUITY OF COATING ON METAL CENTRES ....	15
F METHOD FOR DETERMINATION OF MASS OF DESATU- RATED BASE AND PERCENTAGE SATURATION ....	16
G METHOD FOR DETERMINATION OF WATER PERMEABILITY	17
H METHOD FOR DETERMINATION OF COMPRESSION PRO- PERTIES ....	19
J METHOD FOR DETERMINATION OF PLIABILITY— MATERIALS WITH FABRIC OR FELT BASE ....	21
K METHOD FOR DETERMINATION OF SHEAR PROPERTIES	22
L METHOD FOR DETERMINATION OF FLEXURAL TENSILE BOND STRENGTH ....	24

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