

STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

RECONFIRMATION

OF

AS/NZS 4347.2:1995

**Damp-proof courses and flashings—Methods of test
Method 2: Determination of continuity of coating on metal centres**

RECONFIRMATION NOTICE

Technical Committee BD-029 has reviewed the content of this publication and in accordance with Standards Australia procedures for reconfirmation, it has been determined that the publication is still valid and does not require change.

Certain documents referenced in the publication may have been amended since the original date of publication. Users are advised to ensure that they are using the latest versions of such documents as appropriate, unless advised otherwise in this Reconfirmation Notice.

Approved for reconfirmation in accordance with Standards Australia procedures for reconfirmation on 17 March 2014.

Approved for reconfirmation in New Zealand on behalf of the Standards Council of New Zealand on 2 August 2013.

The following are represented on Technical Committee BD-029:

Australian Building Codes Board
Bureau of Steel Manufacturers Australia
Concrete Masonry Association of Australia
New Zealand Employers and Manufacturers Association (Central)
Standards New Zealand
Think Brick Australia
Window Association of New Zealand

NOTES

Australian/New Zealand Standard®

Damp-proof courses and flashings— Methods of test

Method 2: Determination of continuity of coating on metal centres

1 SCOPE This Standard sets out the method of determining the continuity of the coating of damp-proof courses and flashings with metal centres of aluminium, copper, lead or zinc.

2 PRINCIPLE After bending, specimens are sealed at the edges and immersed in a reagent to determine the extent of pitting, which is an indication of areas or points where the coating is not continuous.

3 REFERENCED DOCUMENTS

AS/NZS

4347 Damp-proof courses and flashings—Methods of test

4347.3 Method 3: Determination of pliability of bitumen coating on metal centres

4 APPARATUS The following apparatus, materials and reagents are required:

- (a) A container not affected by the reagent used for each test.
- (b) Heater and container for bitumen.
- (c) Sodium hydroxide, 2.5 mol/L.
- (d) Nitric acid, 0.5 mol/L
- (e) Nitric acid, 7.5 mol/L.

5 PREPARATION OF TEST SPECIMENS One specimen shall be selected at random for each type of metal centre, from the specimens used in the pliability test set out in AS/NZS 4347.3, or from specimens similarly prepared if the test set out in AS/NZS 4347.3 has not been done.

6 PROCEDURE The procedure for each specimen shall be as follows:

- (a) Without further distortion, seal the specimen at the edges with a suitable material, such as hot bitumen.
- (b) Immerse the specimen in a solution of reagent at room temperature (23 ± 2 °C) as follows:
 - (i) For aluminium-centre specimens 2 h in sodium hydroxide.
 - (ii) For zinc-centre specimens 1 h in nitric acid, 0.5 mol/L.
 - (iii) For lead-centre specimens 12 h in nitric acid, 7.5 mol/L.
 - (iv) For copper-centre specimens 12 h in nitric acid, 7.5 mol/L.
- (c) During the immersion, observe any visible chemical reaction.