

STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

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**RECONFIRMATION**

**OF**

**AS/NZS 4347.5:1995**

**Damp-proof courses and flashings—Methods of test  
Method 5: Determination of compression properties**

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**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.

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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  
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## NOTES

# Australian/New Zealand Standard®

## Damp-proof courses and flashings— Methods of test

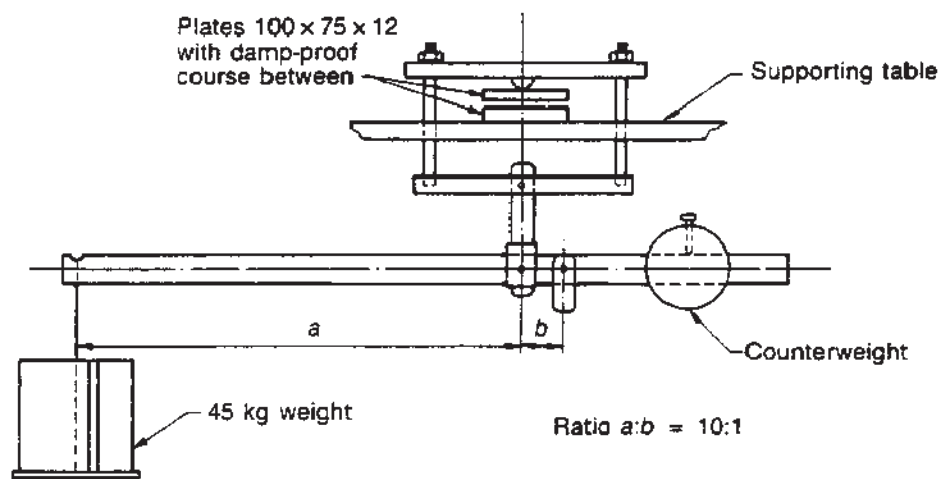
### Method 5: Determination of compression properties

**1 SCOPE** This Standard sets out the method of determining the compressive elastic modulus and compression set of a damp-proof course of nominal thickness not less than 5 mm.

**2 PRINCIPLE** The thickness of a specimen is measured before and after it is subjected to a specified compression load. The compressive strength divided by the strain indicates the compressive elastic modulus. After removal of the load and a period of recovery, the percentage reduction from its original thickness indicates the compression set.

**3 APPARATUS** The following apparatus is required:

- (a) Suitable measuring and cutting instruments.
- (b) A compression apparatus which has two plane steel surfaces capable of being loaded with a force of 4500 N. A suitable apparatus is illustrated in Figure 1.
- (c) A thickness gauge reading accurately to 0.01 mm.



NOTE: By adding a 45 kg mass to the end of a 10:1 lever system, the effective force of  $W = 4500$  N is applied to the specimen.

FIGURE 1 ARRANGEMENT OF COMPRESSION APPARATUS

**4 PREPARATION OF SPECIMEN** From the sample of damp-proof course of flashing selected, one rectangular specimen measuring 100 mm x 75 mm shall be cut, and its area ( $A$ ) determined.