

STANDARDS AUSTRALIA

RECONFIRMATION

OF

AS 4046.2—2002

Methods of testing roof tiles

Method 2: Determination of batten lugs and squareness

RECONFIRMATION NOTICE

Technical Committee BD-008 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 18 November 2020.

The following are represented on Technical Committee BD-008:

Australian Building Codes Board
Australian Council of Trade Unions
Australian Roofing Tile Association
CSIRO
Cyclone Testing Station
Department of Housing and Public Works QLD
Housing Industry Association
National Association of Steel-Framed Housing
Queensland Master Roof Tilers Association
Roofing Industry Association of NSW

NOTES

Methods of testing roof tiles

Method 2: Determination of batten lugs and squareness

1 SCOPE

This Standard sets out the method for the selection of roof tiles for testing and sets out the method for determining the following:

- (a) That the tiles are self supporting when hung on the lugs provided.
- (b) That the alignment of the tile is true.
- (c) The dimensioned deviations from work size.

2 REFERENCED DOCUMENTS

The following document is referred to in this Standard:

AS	
4046	Method of testing roof tiles
4046.1	Method 1: Determination of distortion

3 APPARATUS

The following is required:

- (a) Stand, as shown in Figure 1, designed for both horizontal and vertical use.
- (b) A gauge or calliper, capable of being read to an accuracy of 1 mm and long enough to measure the complete specimen in one application, shall be used.

4 TEST SPECIMENS

The 12 tiles used for distortion in AS 4046.1 shall be used for this test.

5 PROCEDURE

The procedure for each of the 12 tiles is as follows:

- (a) Place the stand on a surface that is approximately horizontal.
- (b) Hang or place each tile to be tested on the stand so that its batten lugs rest fully on the top edge of the stand.
- (c) Measure, to the nearest millimetre, the distances between the top and bottom corners of the tile and the adjacent side of the stand for each side and note the differences.
- (d) Lay the tile horizontal in the frame and measure to the nearest millimetre, the exposed width and the length of each tile, using the frame as a straight edge to align the nose, head or sides as required to achieve a plan measure of each dimension.

6 RECORDS

The following information shall be recorded:

- (a) Identification of the sample.