

Australian Standard™

**Roof tiles**

Building Code of Australia  
Primary referenced Standard

STANDARDS  
Australia



This Australian Standard was prepared by Committee BD-008, Roof Tiles. It was approved on behalf of the Council of Standards Australia on 28 August 2002. This Standard was published on 30 October 2002.

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The following are represented on Committee BD-008:

Australian Building Codes Board  
Australian Council of Trade Unions  
CSIRO Manufacturing & Infrastructure Technology  
Housing Industry Association  
Master Builders Australia  
Master Roof Tilers and Slaters Association of NSW  
Monash University  
National Roof Tiling Industry Training Committee  
Queensland Master Roof Tilers Association  
Roofing Tile Association of Australia  
Victorian Roofing Tile Association

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# Australian Standard™

## Roof tiles

Originated as part of AS A13—1933, AS A14—1933  
and Int 310—1949.  
Previous edition AS 2049—1992.  
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## PREFACE

This Standard was prepared by the Standards Australia Committee BD-008, Roof Tiles, to supersede AS 2049—1992.

*This Standard incorporates Amendment No. 1 (November 2005). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.*

The objective of this Standard is to provide manufacturers of roof tiles with design specifications and the performance requirements of non-metallic interlocking roof tiles for use in domestic, commercial or light industrial applications.

The term ‘informative’ has been used in this Standard to define the application of the appendix to which it applies. An ‘informative’ appendix is only for information and guidance.

The use of Notes in this Standard is of an advisory nature only, to give explanation or guidance to the user on recommended design considerations or technical procedures, or to provide an informative cross-reference to other documents or publications. Notes to clauses in this Standard do not form a mandatory part for compliance with this Standard.

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## STANDARDS AUSTRALIA

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**Australian Standard**  
**Roof tiles**


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**1 SCOPE**

This Standard sets out requirements for concrete, terracotta and other composite roof tiles, and for the associated accessories. It establishes standards for —

- (a) performance, fit and finish;
- (b) quality of materials; and
- (c) the finished product.

The following types of roof tile are considered:

- (i) Shingle (plain) tiles.
- (ii) Side locking tiles
- (iii) Side and head–locking tiles.

## NOTES:

- 1 Other types of roof tiles are not precluded.
- 2 The various terms used in this Standard are illustrated in Appendices A, B and C.

**2 REFERENCED DOCUMENTS**

The following documents are referred to in this Standard:

## AS

1170	Structural design actions
1170.2	Part 2: Wind actions
1379	Specification and supply of concrete
1478	Chemical admixtures for concrete, mortar and grout
1478.1	Part 1: Admixtures for concrete
2050	Installation of roof tiles
2758	Aggregates and rock for engineering purposes
2758.1	Part 1: Concrete aggregates
3582	Supplementary cementitious materials for use with portland and blended cement
3582.1	Part 1: Fly ash
3972	Portland and blended cements
4046	Methods of testing roof tiles
4046.1	Method 1: Determination of distortion
4046.2	Method 2: Determination of batten lugs and squareness
4046.3	Method 3: Determination of transverse strength
4046.4	Method 4: Determination of water absorption
4046.5	Method 5: Determination of permeability
4046.6	Method 6: Determination of resistance to freeze/thaw
4046.7	Method 7: Determination of resistance to salt attack
4046.9	Method 9: Determination of dynamic weather resistance
4055	Wind loads for housing

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