This is a free page sample. Access the full version online.

AS 2050—1995

Australian Standard®

Installation of roof tiles

This is a free page sample. Access the full version online.

This Australian Standard was prepared by Committee BD/8, Roof Tiles. It was approved on behalf of the Council of Standards Australia on 21 October 1994 and published on 5 January 1995.

The following interests are represented on Committee BD/8:

Australian Building Codes Board

Australian Chamber of Commerce and Industry

Concrete Roof Tile Manufacturers Association of Australia

CSIRO Division of Building Construction & Engineering

Department of Housing Local Government & Planning, Qld

Housing Industry Association

Master Builders Australia

Master Tilers, Slaters & Shinglers Association of N.S.W.

Monash University

National Association of Steel-Framed Housing

Queensland Master Roof Tilers Association

Slaters Tilers and Roofing Industry Union of Victoria

Victorian Roofing Tile Association

Review of Australian Standards. *To keep abreast of progress in industry, Australian Standards are subject to periodic review and are kept up to date by the issue of amendments or new editions as necessary. It is important therefore that Standards users ensure that they are in possession of the latest edition, and any amendments thereto.*

Full details of all Australian Standards and related publications will be found in the Standards Australia Catalogue of Publications; this information is supplemented each month by the magazine 'The Australian Standard', which subscribing members receive, and which gives details of new publications, new editions and amendments, and of withdrawn Standards.

Suggestions for improvements to Australian Standards, addressed to the head office of Standards Australia, are welcomed. Notification of any inaccuracy or ambiguity found in an Australian Standard should be made without delay in order that the matter may be investigated and appropriate action taken.

This Standard was issued in draft form for comment as DR 94119.

This is a free page sample. Access the full version online.

AS 2050—1995

Australian Standard®

Installation of roof tiles

For history of AS 2050 before 1989, see Preface.
Third edition 1995.
Incorporating:
Amdt 1—1995
Amdt 2—1999

PUBLISHED BY STANDARDS AUSTRALIA
(STANDARDS ASSOCIATION OF AUSTRALIA)
1 THE CRESCENT, HOMEBUSH, NSW 2140
ISBN 0 7262 9407 1

This is a free page sample. Access the full version online.

PREFACE

This Standard was prepared by the Standards Australian Committee BD/8 on Roof Tiles to supersede AS 2050—1989, *Fixing of roofing tiles*. In this edition, the subject matter has been extended beyond just the fixing of roof tiles.

The objective of this Standard is to provide installers of concrete and terracotta roof tiles with specifications covering the installation and performance of such roof tiles for use in domestic, commercial or light industrial applications.

The previous edition was prepared jointly by the Committees on Concrete Roof Tiles and Terra Cotta Roofing Tiles as a revision and amalgamation of AS 1758—1975, *Code of practice for the fixing of concrete interlocking roofing tiles (without weathering check)*, AS 1760—1975, *Code of practice for the fixing of concrete interlocking roofing tiles (with weathering check)*, and AS 2050—1977, *Code of practice for the fixing of terra cotta roofing tiles*.

AS 1758 was first issued as an SAA Interim Standard, SAA Int. 311, in 1951. AS 1760 was first issued as AS CA6 in 1933 and revised in 1949. SAA Int. 311 was revised and issued as AS CA46 in 1967. Both documents were subsequently revised and issued as AS 1758 and AS 1760 in 1975. AS 2050 was first issued as AS CA5 in 1933 and revised in 1950 and 1963. AS CA5 was revised again and reissued as AS 2050 in 1977.

This edition includes fixing tolerances for battens, minimum fixing requirements for tiles and accessories, and a general requirement for compliance with the CSIRO, Division of Building Construction and Engineering dynamic weather resistance test. It also includes informative appendices on the recommended nail sizes for batten size relative to rafter spacing for both hand nailing and gun nailing.

Where mandatory notes to tables are used in this Standard, they are deemed to form an integral part of the Standard.

The terms ‘normative’ and ‘informative’ have been used in this Standard to define the application of the appendix to which they apply. A ‘normative’ appendix is an integral part of a Standard, whereas an ‘informative’ appendix is only for information and guidance.

© Copyright – STANDARDS AUSTRALIA

Users of Standards are reminded that copyright subsists in all Standards Australia publications and software. Except where the Copyright Act allows and except where provided for below no publications or software produced by Standards Australia may be reproduced, stored in a retrieval system in any form or transmitted by any means without prior permission in writing from Standards Australia. Permission may be conditional on an appropriate royalty payment. Requests for permission and information on commercial software royalties should be directed to the head office of Standards Australia.

Standards Australia will permit up to 10 percent of the technical content pages of a Standard to be copied for use exclusively in-house by purchasers of the Standard without payment of a royalty or advice to Standards Australia.

Standards Australia will also permit the inclusion of its copyright material in computer software programs for no royalty payment provided such programs are used exclusively in-house by the creators of the programs.

Care should be taken to ensure that material used is from the current edition of the Standard and that it is updated whenever the Standard is amended or revised. The number and date of the Standard should therefore be clearly identified.

The use of material in print form or in computer software programs to be used commercially, with or without payment, or in commercial contracts is subject to the payment of a royalty. This policy may be varied by Standards Australia at any time.

This is a free page sample. Access the full version online.

CONTENTS

Page

SECTION 1 SCOPE AND GENERAL
1.1 SCOPE 4
1.2 REFERENCED DOCUMENTS 4
1.3 DEFINITIONS 5
1.4 PERFORMANCE REQUIREMENTS FOR THE COMPLETED ROOF 5

SECTION 2 MATERIALS
2.1 SARKING 6
2.2 ROOF BATTENS 6
2.3 MORTAR 6
2.4 FIXING SYSTEMS 6

SECTION 3 INSTALLATION
3.1 SARKING 9
3.2 BATTENS AND RAFTERS 9
3.3 TILES AND ACCESSORIES 10
3.4 BEDDING AND POINTING 11
3.5 BIRDPROOFING AT VALLEYS 11
3.6 TILING OVER INTERNAL WALLS 11
3.7 WORKMANSHIP 11

APPENDICES
A PRECAUTIONS AGAINST WIND EFFECTS 12
B INFORMATION AND WORK NOT NORMALLY PROVIDED BY THE ROOF TILER 13
C DYNAMIC WEATHER RESISTANCE TEST 15
D ACCEPTABLE NAIL SIZES FOR BATTEN SIZE RELATIVE TO RAFTER SPACING FOR HAND NAILING 18
E ACCEPTABLE NAIL SIZES FOR BATTEN SIZE RELATIVE TO RAFTER SPACING FOR GUN NAILING 20
F TEST METHOD TO DETERMINE THE WIND UPLIFT RATING OF AN ADHESIVE MECHANICAL FASTENING AFTER CONDITIONING 22

SAI GLOBAL

This is a free preview. Purchase the entire publication at the link below:

Product Page

Looking for additional Standards? Visit Intertek Inform Infostore

Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation