

ISBN 978-0-626-26961-6

SANS 10062:2012

Edition 2.3

SOUTH AFRICAN NATIONAL STANDARD

Fixing of concrete interlocking roofing tiles

Published by SABS Standards Division
1 Dr Lategan Road Groenkloof ☒ Private Bag X191 Pretoria 0001
Tel: +27 12 428 7911 Fax: +27 12 344 1568
www.sabs.co.za
© SABS

SABS



SANS 10062:2012
Edition 2.3

Table of changes

Change No.	Date	Scope
Amdt 1	1998	Amended to include a newly adopted SANS EN cement specification, and to make two editorial corrections.
Amdt 2	2003	Amended to replace references to withdrawn standards, to add normative references, to expand the requirements for trusses, and to update the map of the Republic of South Africa.
Amdt 3	2012	Amended to update referenced standards.

Foreword

This South African standard was approved by National Committee SABS TC 59, *Construction standards*, in accordance with procedures of the SABS Standards Division, in compliance with annex 3 of the WTO/TBT agreement.

This document was published in March 2012.

This document supersedes SANS 10062:2003 (edition 2.2).

A vertical line in the margin shows where the text has been technically modified by amendment No. 3.

Contents

	Page
Foreword	
1 Scope	3
2 Normative references	3
3 Definitions	4
4 Roof construction	7
4.1 Trusses	8
4.2 Battens	8
5 Roofing materials	8
5.1 Tiles and fittings	8
5.2 Nails and clips	8
5.3 Underlay	9
5.4 Flashings, saddles and drainage channels	9
5.5 Mortar	9
6 Laying of tiles	9
6.1 Underlay	9
6.2 Preparatory work before tiling	9
6.3 Setting out of the roof	10
6.4 Verges	10
6.5 Eaves	11
6.6 Valleys.....	11
6.7 Abutments	13
6.8 Ridges	14
6.9 Hips	15
7 Fixing of tiles	15
7.1 General	15
7.2 Terrain categories	17
7.3 Fixing methods	18
Tables 1-4	22-25

SANS 10062:2012
Edition 2.3

This page is intentionally left blank

Fixing of concrete interlocking roofing tiles

1 Scope

This standard covers the fixing of concrete interlocking roofing tiles.

NOTE The figures in the standard are illustrative only and are not intended to reflect true architectural details.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this standard. All standards are subject to revision and, since any reference to a standard is deemed to be a reference to the latest edition of that standard, parties to agreements based on this standard are encouraged to take steps to ensure the use of the most recent editions of the standards indicated below. Information on currently valid national and international standards can be obtained from the SABS Standards Division.

SANS 542, *Concrete roofing tiles.*

SANS 820, *Mild steel nails.*

SANS 952 (SABS 952), *Polyolefin film for damp-proofing and waterproofing in buildings.*

SANS 1090, *Aggregates from natural sources – Fine aggregates for plaster and mortar.*

SANS 1783-2, *Sawn softwood timber – Part 2: Stress-graded structural timber for frame wall construction.* **Amdt 2**

SANS 1783-4, *Sawn softwood timber – Part 4: Brandering and battens.* **Amdt 2**

SANS 10160-3, *Basis of structural design and actions for buildings and industrial structures – Part 3: Wind actions.* **Amdt 3**

SANS 10163-1, *The structural use of timber – Part 1: Limit-states design.* **Amdt 2**

SANS 10163-2 (SABS 0163-2), *The structural use of timber – Part 2: Allowable stress design.* **Amdt 2**

SANS 10243, *The manufacture and erection of timber trusses.* **Amdt 2**

SANS 10400-L, *The application of the National Building Regulations – Part L: Roofs.* **Amdt 3**

SANS 50197-1/EN 197-1, *Cement – Part 1: Composition, specifications and conformity criteria for common cements.* **Amdt 1; amdt 2**