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SOUTH AFRICAN NATIONAL STANDARD

Thatched roof construction

WARNING

This document references other documents normatively.

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Table of changes

Change No.	Date	Scope
Amdt 1	2016	Amended to modify the design requirements for poles.

Foreword

This South African standard was approved by National Committee SABS/TC 098/SC 04, *Structural and geo-technical design standards – Design of timber structures*, in accordance with procedures of the SABS Standards Division, in compliance with annex 3 of the WTO/TBT agreement.

This document was approved for publication in October 2016.

This document supersedes SANS 10407:2015 (edition 2).

A vertical line in the margin shows where the text has been technically modified by amendment No. 1.

This document is referenced in the Local Government: Municipal Systems Act, 2000 (Act No. 32 of 2000).

Annex A forms an integral part of this document. Annex B is for information only.

Compliance with this document cannot confer immunity from legal obligations.

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Thatched roof construction

1 Scope

This standard covers the design of the supporting roofing structure and installation of thatch on roofing structures.

NOTE SANS 10400-L covers the design of roof structures, SANS 10400-T covers fire protection requirements, and SANS 10400-V covers chimney requirements. SANS 2001-CT2 covers the construction of the structural timberwork in the roof.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies. Information on currently valid national and international standards can be obtained from the SABS Standards Division.

SANS 457-2, *Wooden poles, droppers, guardrail posts and spacer blocks – Part 2: Softwood species.*

SANS 457-3, *Wooden poles, droppers, guardrail posts and spacer blocks – Part 3: Hardwood species.*

SANS 820, *Mild steel nails.*

SANS 1083, *Aggregates from natural sources – Aggregates for concrete.*

SANS 1288, *Preservative-treated timber.*

SANS 1707-2, *Sawn eucalyptus timber – Part 2: Brandering and battens.*

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

SANS 2001-CT2, *Construction works – Part CT2: Structural timberwork (roofing).*

SANS 10005, *The preservative treatment of timber.*

SANS 10155, *Accuracy in buildings.*

SANS 10183-1, *Adhesives for wood – Part 1: Terminology.*

SANS 10183-2, *Adhesives for wood – Part 2: Requirements for structural applications.*