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SANS 10400-C:201*

Edition 3.1

SOUTH AFRICAN NATIONAL STANDARD

The application of the National Building Regulations

Part C: Dimensions

WARNING

**This document references other
documents normatively.**

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Table of changes

Change No.	Date	Scope
Amdt. 1	2015	Amended to delete the annex on the dimensions (annex A) and the annex on the differences in performance between category 1 buildings and non-category 1 buildings (annex C), and to delete all references to these annexes.

Acknowledgement

The SABS Standards Division wishes to acknowledge the work of the South African Institution of Civil Engineering in updating this document.

Foreword

This South African standard was approved by National Committee SABS/TC 060, *Standards which address the National Building Regulations (NBR)*, 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 May 2011.

This document supersedes SANS 10400-C:2010 (edition 3).

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

Compliance with the requirements of this document will be deemed to be compliance with the requirements of part C of the National Building Regulations, issued in terms of the National Building Regulations and Building Standards Act, 1977 (Act No. 103 of 1977).

SANS 10400 consists of the following parts, under the general title *The application of the National Building Regulations*:

Part A: General principles and requirements.

Part B: Structural design.

Part C: Dimensions.

Part D: Public safety.

Part F: Site operations.

Part G: Excavations.

Part H: Foundations.

Part J: Floors.

Part K: Walls.

Part L: Roofs.

Part M: Stairway.

Part N: Glazing.

Part O: Lighting and ventilation.

Part P: Drainage.

Part Q: Non-water-borne means of sanitary disposal.

Part R: Stormwater disposal.

Part S: Facilities for persons with disabilities.

Part T: Fire protection.

Part V: Space heating.

Part W: Fire installation.

Part X: Environmental sustainability – Part XA: Energy usage in buildings.

Annex B is for information only.

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The application of the National Building Regulations

Part C: Dimensions

1 Scope

This part of SANS 10400 provides deemed-to-satisfy requirements for compliance with part C (Dimensions) of the National Building Regulations.

NOTE Annex B contains a commentary on this part of SANS 10400.

Amdt 1 |

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 10400-A, *The application of the National Building Regulations – Part A: General principles and requirements.*

3 Definitions

For the purposes of this document, the definitions given in SANS 10400-A (some of which are repeated for convenience) and the following apply.

3.1

category 1 building
building which

- a) is designated as being of class A3, A4, F2, G1, H2, H3, or H4 occupancy (see Regulation A20 in SANS 10400-A),
- b) has no basements,
- c) has a maximum length of 6,0 m between intersecting walls or members providing lateral support, and
- d) has a floor area that does not exceed 80 m²

NOTE 1 Deleted by amendment No. 1.

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