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SANS 10400-J:2016

Edition 3.1

SOUTH AFRICAN NATIONAL STANDARD

The application of the National Building Regulations

Part J: Floors

WARNING

**This document references other
documents normatively.**

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Table of changes

Change No.	Date	Scope
Amdt 1	2016	Amended to update referenced standards, to change requirements for flooring boards, and to delete annex A (definitions and regulations for floors).

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 (NBRs)*, 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 June 2016.

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

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

Compliance with this document cannot confer immunity from legal obligations.

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.

Foreword *(concluded)*

Part L: Roofs.

Part M: Stairways.

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.

This document should be read in conjunction with SANS 10400-A.

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The application of the National Building Regulations

Part J: Floors

1 Scope

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

NOTE 1 Deleted by amendment No. 1.

NOTE 2 SANS 10400-B establishes the representative actions and impacts applied to floors, and the structural response of floors to representative actions and impacts. Compliance with the requirements of this part of SANS 10400 will result in floors performing in accordance with the structural design performance parameters established in SANS 10400-B.

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 629, *Softwood flooring boards.*~~

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SANS 929, *Plywood and composite board.*

SANS 1460, *Laminated timber (glulam).*

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

SANS 1931, *Particle board – Highly moisture-resistant exterior type.*

SANS 2001-CC1, *Construction works – Part CC1: Concrete works (structural).*

SANS 2001-CC2, *Construction works – Part CC2: Concrete works (minor works).*

SANS 2001-CT1, *Construction works – Part CT1: Structural timberwork (flooring).*

SANS 10005, *The preservative treatment of timber.*

SANS 10082, *Timber frame buildings.*