SOUTH AFRICAN NATIONAL STANDARD

The application of the National Building Regulations

Part N: Glazing
Table of changes

<table>
<thead>
<tr>
<th>Change No.</th>
<th>Date</th>
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<tbody>
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<td>Amdt 1</td>
<td>2012</td>
<td>Amended to update the list of parts in the foreword, to make annex A informative, to update referenced standards, to modify the requirements for glazing systems, for fire and energy, for wind and impact loads, for glazing materials in walls of lift enclosures, and for safety glazing (and to renumber subclauses accordingly), to add requirements for an occupancy class, and to update the table on dimensions for flat frameless glass shower enclosures.</td>
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Acknowledgement

The SABS Standards Division wishes to acknowledge the work of the Association of Architectural Aluminium Manufacturers of South Africa and the South African Institution of Civil Engineering in interpreting functional regulations and updating many of the deemed-to-satisfy requirements relating to structural performance in this document.

Foreword

This South African standard was approved by National Committee SABS SC 59C, *Construction standards – Glazing in buildings*, 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 10400-N:2010 (edition 3).

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

Compliance with the requirements of this document will be deemed to be compliance with the requirements of part N 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 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.

Part X: Environmental sustainability.


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

Annex A is provided for information only.
SANS 10400-N:2012
Edition 3.1

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Amdt 1
The application of the National Building Regulations

Part N:
Glazing

1 Scope

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

NOTE 1 Part N of the National Building Regulations, issued in terms of the National Building Regulations and Building Standards Act, 1977 (Act No. 103 of 1977), is reproduced in annex A.

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 613, Fenestration products – Mechanical performance criteria. Amdt 1

SANS 727, Windows and doors made from rolled mild steel sections.


SANS 1545-1, Safety rules for the construction and installation of lifts – Part 1: Electric lifts. Amdt 1


SANS 1545-3, Safety rules for the construction and installation of lifts – Part 3: Lifts for persons with disabilities (stairlifting platforms). Amdt 1

SANS 1545-4, Safety rules for the construction and installation of lifts – Part 4: Lifts for persons with disabilities (vertical lifting platforms). Amdt 1

SANS 1545-5 Safety rules for the construction and installation of lifts – Part 5: Electric and hydraulic access, goods only lifts. Amdt 1

SANS 1553-2, PVC-U window and door frames for external use – Part 2: Windows with frames made from PVC-U profiles.