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**SANS 155:1999**

Edition 1 and nat. amdt 1

**ISO 1766:1999**

Edition 3

Any reference to SABS ISO 1766 is deemed  
to be a reference to this standard  
(Government Notice No. 1373 of 8 November 2002)

## **SOUTH AFRICAN NATIONAL STANDARD**

### **Textile floor coverings — Determination of thickness of pile above the substrate**

This national standard is the identical implementation of ISO 1766:1999, and is adopted with the permission of the International Organization for Standardization.

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**Table of changes**

<b>Change No.</b>	<b>Date</b>	<b>Scope</b>
Nat. amdt 1	2006	Amended to change the designation from SABS to SANS, with no technical changes.

**National foreword**

This South African standard was approved by National Committee SABS/TC 219, *Floor coverings*, in accordance with procedures of the SABS Standards Division, in compliance with annex 3 of the WTO/TBT agreement.

This SANS edition is technically identical to SABS ISO 1766:1999.

**Compliance with this document cannot confer immunity from legal obligations.**

**Reaffirmed and reprinted in March 2017.  
This document will be reviewed every five years  
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# INTERNATIONAL STANDARD

**ISO  
1766**

Third edition  
1999-10-15

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## **Textile floor coverings — Determination of thickness of pile above the substrate**

*Revêtements de sol textiles — Détermination de l'épaisseur du velours  
au-dessus du soubassement*



Reference number  
ISO 1766:1999(E)

## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 1766 was prepared by Technical Committee ISO/TC 38, *Textiles*, Subcommittee SC 12, *Textile floor coverings*.

This third edition cancels and replaces the second edition (ISO 1766:1986) clauses 1 and 2 of which contain additional information.

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# Textile floor coverings — Determination of thickness of pile above the substrate

## 1 Scope and field of application

This International Standard specifies a method for the determination of the thickness of pile above the substrate of a textile floor covering. It is applicable to all textile floor coverings with pile capable of being shorn from the substrate, but not to textile floor coverings of varying pile thickness or density, unless the areas can be measured separately.

The method is used in conjunction with ISO 8543, clause 8.

NOTE Difficulties have been experienced when using this method for bonded-pile textile floor coverings, textile floor coverings with needled-pile and flocked-pile textile floor coverings, because of the problems of determining a suitable end point when shearing these products. The results obtained from such products should therefore be treated with caution.

## 2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this International Standard. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 139, *Textiles — Standard atmospheres for conditioning and testing.*

ISO 1765, *Machine-made textile floor coverings — Determination of thickness.*

ISO 1957, *Machine-made textile floor coverings — Procedure for sampling and cutting specimens for physical tests.*

ISO 8543, *Textile floor coverings — Methods for determination of mass.*

## 3 Terms and definitions

For the purposes of this International Standard, the following term and definition applies:

### 3.1 pile thickness

The difference in the thickness of the textile floor covering before and after the pile above the substrate has been shorn away, measured under a pressure of 2,0 kPa<sup>1)</sup>

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<sup>1)</sup> 1 kPa = 10<sup>3</sup> N/m<sup>2</sup>