

## **Textile floor coverings - Determination of the density of the textile fleece backing**

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## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 14900:2006 sisaldab Euroopa standardi EN 14900:2006 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 28.04.2006 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 14900:2006 consists of the English text of the European standard EN 14900:2006.</p> <p>This document is endorsed on 28.04.2006 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p><b>Käsitlusala:</b></p> <p>This document specifies a method for determining the measured density of the fleece backing of textile floor coverings with an apparent effective thickness of the backing larger than 1 mm. This method is not applicable to foam backings.</p>	<p><b>Scope:</b></p> <p>This document specifies a method for determining the measured density of the fleece backing of textile floor coverings with an apparent effective thickness of the backing larger than 1 mm. This method is not applicable to foam backings.</p>
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**ICS** 59.080.60

**Võtmesõnad:**

ICS 59.080.60

English Version

## Textile floor coverings - Determination of the density of the textile fleece backing

Revêtements de sols textiles - Détermination de la densité  
de la sous-couche textile aiguilletée

Textile Bodenbeläge - Bestimmung der Rohdichte des  
textilen Vliesrückens

This European Standard was approved by CEN on 3 February 2006.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

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## Foreword

This document (EN 14900:2006) has been prepared by Technical Committee CEN/TC 134 "Resilient textile and laminate floor coverings", the secretariat of which is held by BSI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by September 2006, and conflicting national standards shall be withdrawn at the latest by September 2006.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

## 1 Scope

This document specifies a method for determining the measured density of the fleece backing of textile floor coverings with an apparent effective thickness of the backing larger than 1 mm.

This method is not applicable to foam backings.

## 2 Normative references

The following referenced documents are indispensable for the application of this European Standard. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 1318, *Textile floor coverings – Determination of the apparent effective thickness of the backing*

EN ISO 139 *Textiles - Standard atmospheres for conditioning and testing (ISO 139:2005)*

ISO 1765 *Machine-made textile floor coverings – Determination of thickness*

ISO 1957 *Machine-made textile floor coverings – Selection and cutting specimens for physical tests*

ISO 8543:1998, *Textile floor coverings – Methods for determination of mass*

## 3 Term and definition

For the purposes of this document, the following term and definition applies.

### 3.1

#### **measured density of the backing**

mass per unit volume of the backing

## 4 Principle

The backing is shorn at a thickness equal to 50 % of the apparent effective thickness of the backing and the mass and thickness are determined on the shorn backing. The measured density is calculated from the values obtained.

## 5 Apparatus

**5.1 Optical device**, as specified in EN 1318.

**5.2 Cutting device**, as specified in EN 1318.

**5.3 Sharp pointed knife**.

**5.4 Balance**, calibrated and capable of measuring to the nearest 0.01 g

**5.5 Rule**, capable of measuring 300 mm.

**5.6 Band-knife machine**, press and cutter, as specified in ISO 8543:1998, Clause 8.

**5.7 Thickness tester**, circular guard ring and straightedge, as described in ISO 1765.