

**Elastsed põrandakatted. Kihtide paksuse määramine  
(ISO 24340:2006)**

**Resilient floor coverings - Determination of thickness of  
layers (ISO 24340:2006)**

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

See Eesti standard EVS-EN ISO 24340:2012 sisaldab Euroopa standardi EN ISO 24340:2012 ingliskeelset teksti.	This Estonian standard EVS-EN ISO 24340:2012 consists of the English text of the European standard EN ISO 24340:2012.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 01.02.2012.	Date of Availability of the European standard is 01.02.2012.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile [standardiosakond@evs.ee](mailto:standardiosakond@evs.ee).

ICS 97.150

### Standardite reprodutseerimise ja levitamise õigus kuulub Eesti Standardikeskusele

Andmete paljundamine, taastekitamine, kopeerimine, salvestamine elektroonsesse süsteemi või edastamine ükskõik millises vormis või millisel teel ilma Eesti Standardikeskuse kirjaliku loata on keelatud.

Kui Teil on küsimusi standardite autorikaitse kohta, võtke palun ühendust Eesti Standardikeskusega:  
Aru 10, 10317 Tallinn, Eesti; [www.evs.ee](http://www.evs.ee); telefon 605 5050; e-post [info@evs.ee](mailto:info@evs.ee)

### The right to reproduce and distribute standards belongs to the Estonian Centre for Standardisation

No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying, without a written permission from the Estonian Centre for Standardisation.

If you have any questions about copyright, please contact Estonian Centre for Standardisation:  
Aru 10, 10317 Tallinn, Estonia; [www.evs.ee](http://www.evs.ee); phone 605 5050; e-mail [info@evs.ee](mailto:info@evs.ee)

English Version

**Resilient floor coverings - Determination of thickness of layers  
(ISO 24340:2006)**

Revêtements de sols résilients - Détermination de  
l'épaisseur des couches (ISO 24340:2006)

Elastische Bodenbeläge - Bestimmung der Dicke der  
Schichten (ISO 24340:2006)

This European Standard was approved by CEN on 24 December 2011.

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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, 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, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

**Management Centre: Avenue Marnix 17, B-1000 Brussels**

## Foreword

The text of ISO 24340:2006 has been prepared by Technical Committee ISO/TC 219 “Floor coverings” of the International Organization for Standardization (ISO) and has been taken over as EN ISO 24340:2012 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 August 2012, and conflicting national standards shall be withdrawn at the latest by August 2012.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 429:1993.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, 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, Turkey and the United Kingdom.

### Endorsement notice

The text of ISO 24340:2006 has been approved by CEN as a EN ISO 24340:2012 without any modification.

# Resilient floor coverings — Determination of thickness of layers

## 1 Scope

This International Standard describes a method for determining the thickness of different layers of resilient floor coverings.

## 2 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

### 2.1

#### **layer**

component of the same composition as part of a resilient floor covering with a given thickness, excluding factory finishes

## 3 Principle

The thickness of layers is measured directly by optical means.

## 4 Apparatus

### 4.1 Microscope or video microscope

**4.1.1 Microscope or video microscope**, having a magnification of at least 40 $\times$ , equipped with a micrometric scale eyepiece for the microscope or adjustable screen lines for the video microscope, readable to 0,01 mm.

**4.1.2 Microscope or video microscope**, having a magnification of at least 40 $\times$ , equipped with an eyepiece micrometric scale readable to 0,002 5 mm used to measure a thickness below 0,05 mm.

**4.2 Lamp (light source)**, to illuminate the specimen configured so that the light falls on the specimen from as vertical a direction as possible.

**4.3 Stage micrometer or video microscope**, for calibrating the eyepiece micrometer.

The scale shall have the smallest division equal to 0,01 mm and shall cover at least 2,54 mm for the microscope or video microscope referred to in 4.1.1, and the smallest division equal to 0,002 5 mm that covers at least 1 mm for the microscope or video microscope referred to in 4.1.2.

**4.4 Holder (stage carrier)**, for holding the specimen without distortion, so that the cut edge is perpendicular to the optical axis of the microscope.

**4.5 Sharp knife or blade**, for cutting the specimen.

**4.6 Straightedge or metal rule**, for guiding the cutting edge.