

Resilient and laminate floor coverings - Determination of indentation and residual indentation - Part 1: Residual indentation (ISO 24343-1:2007)

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN ISO 24343-1:2012 sisaldab Euroopa standardi EN ISO 24343-1:2012 ingliskeelset teksti.	This Estonian standard EVS-EN ISO 24343-1:2012 consists of the English text of the European standard EN ISO 24343-1:2012.
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.
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English Version

**Resilient and laminate floor coverings - Determination of
indentation and residual indentation - Part 1: Residual
indentation (ISO 24343-1:2007)**

Revêtements de sol résilients et stratifiés - Détermination
du poinçonnement et du poinçonnement résmanent - Partie
1: Poinçonnement résmanent (ISO 24343-1:2007)

Elastische und Laminat-Bodenbeläge - Bestimmung des
Eindrucks und des Resteindrucks - Teil 1: Resteindruck
(ISO 24343-1:2007)

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Foreword

The text of ISO 24343-1:2007 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 24343-1:2012 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of an identical text or by endorsement, at the latest by July 2012, and conflicting national standards shall be withdrawn at the latest by July 2012.

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Endorsement notice

The text of ISO 24343-1:2007 has been approved by CEN as a EN ISO 24343-1:2012 without any modification.

Resilient and laminate floor coverings — Determination of indentation and residual indentation —

Part 1: Residual indentation

1 Scope

This part of ISO 24343 describes a method for determining the residual indentation produced in a resilient or laminate floor covering after the application and removal of a constant load.

2 Terms and definitions

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

2.1

residual indentation

difference between the initial thickness and the thickness measured after removal of the load

2.2

thickness

distance between two parallel plates where the floor covering is inserted under a specific load

3 Principle

A test piece is subjected to a static loading, the thickness being measured before loading and after a recovery period.

4 Apparatus

4.1 Straight, steel cylindrical indenter, of diameter $11,30 \text{ mm} \pm 0,05 \text{ mm}$, with the edge of the flat base slightly rounded. Area of the indenter: 100 mm^2 .

4.2 Rigid, horizontal platform, of a minimum diameter 35 mm.

4.3 Device, by means of which a preliminary force of $3,00 \text{ N} \pm 0,03 \text{ N}$ and a total force of $500 \text{ N} \pm 0,5 \text{ N}$ (pressure 5 MPa) can be smoothly applied. The frame shall not deform by more than 0,05 mm measured in the direction of the axis under the maximum force. This deformation shall be taken into consideration when measuring indentation. (See Figure 1.)

4.4 Comparator, for measuring the depth of indentation to $\pm 0,01 \text{ mm}$.