

**Elastsed põrandakatted. Mööbliala
modelleeritud liikumise mõju
määramine**

Resilient floor coverings - Determination of the effect
of simulated movement of a furniture leg

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 424:2002 sisaldab Euroopa standardi EN 424:2001 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 19.06.2002 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 424:2002 consists of the English text of the European standard EN 424:2001.</p> <p>This document is endorsed on 19.06.2002 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>Käsitlusala: This European Standard specifies a method for determining the resistance of an installed resilient floor covering to the mechanical stress resulting from the movement of a furniture leg.</p>	<p>Scope: This European Standard specifies a method for determining the resistance of an installed resilient floor covering to the mechanical stress resulting from the movement of a furniture leg.</p>
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Võtmesõnad: area, chemical tests, elastic properties, fabrics, materials, ph, sampling, stress, surface inspections, surfaces, test equipment, test reports, test specimens, testing, textile floor coverings, treatment, wear, welds

English version

Resilient floor coverings - Determination of the effect of simulated movement of a furniture leg

Revêtements de sol résilients - Détermination de l'action du déplacement simulé d'un pied de meuble

Elastische Bodenbeläge - Bestimmung des Verhaltens bei einer nachgeahmten Verschiebung eines Möbelfußes

This European Standard was approved by CEN on 15 November 2001.

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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 Management Centre has the same status as the official versions.

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

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 134 "Resilient and textile 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 June 2002, and conflicting national standards shall be withdrawn at the latest by June 2002.

This European Standard supersedes EN 424:1993.

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

1 Scope

This European Standard specifies a method for determining the resistance of an installed resilient floor covering to the mechanical stress resulting from the simulated movement of a furniture leg.

2 Principle

The resistance of an installed floor covering to the movement of a furniture leg with rounded edges and different loadings is assessed for deterioration in surface flatness, surface damage, cuts of varying depths and penetrating edges.

3 Apparatus (see Figures 1 to 3)

3.1 A frame, comprising two guide rails fixed relative to the test piece supporting the motor and the control capstan, diameter 100 mm. The unladen peripheral speed shall be 300 mm/s.

3.2 A carriage, supported and guided by rails and having a wheel base designed to prevent jerky movements. The traction device is fixed to the carriage in such a way as to ensure that it remains perfectly stable during the test.

3.3 A force-indicating device, linked to the cable and to the carriage that permits identification of the maximum tensile stress value.

3.4 A platform that can be weighted using a total mass of 32 kg, 70 kg or 100 kg, sliding vertically in the carriage with slight friction and resting on the test piece by means of one of the feet described in 3.5.

3.5 Three square brass feet conforming to the dimensions given in Table 1.

Table 1 — Dimensions of feet

Type	Applied mass kg	Horizontal edge radius RH mm	Vertical edge radius RV mm	Distance between opposite vertical faces mm
3	70 ⁰ _{+0,5%}	3 ± 0,05	0,1 ± 0,05	34,6 ± 0,05
2	100 ⁰ _{+0,5%}	2 ± 0,05	0,1 ± 0,05	33,6 ± 0,05
0	32 ⁰ _{+0,5%}	0,1 ± 0,05	0,1 ± 0,05	31,7 ± 0,05