

**Mööbel. Tugevus, vastupidavus ja ohutus. Nõuded  
koduvälistele istmetele**

**Furniture - Strength, durability and safety -  
Requirements for non-domestic seating**

EVS

## EESTI STANDARDI EESSÕNA

See Eesti standard EVS-EN 16139:2013 sisaldab Euroopa standardi EN 16139:2013 ja selle paranduse AC:2013 ingliskeelset teksti. Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.

Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 06.03.2013.

Standard on kättesaadav Eesti Standardikeskusest.

## NATIONAL FOREWORD

This Estonian standard EVS-EN 16139:2013 consists of the English text of the European standard EN 16139:2013 and its corrigendum AC:2013.

This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.

Date of Availability of the European standard is 06.03.2013.

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).

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English Version

## Furniture - Strength, durability and safety - Requirements for non-domestic seating

Mobilier - Résistance, durabilité et sécurité - Exigences applicables aux sièges à usage collectif

Möbel - Festigkeit, Dauerhaltbarkeit und Sicherheit - Anforderungen an Sitzmöbel für den Nicht-Wohnbereich

This European Standard was approved by CEN on 12 January 2013.

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

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## Foreword

This document (EN 16139:2013) has been prepared by Technical Committee CEN/TC 207 “Furniture”, the secretariat of which is held by UNI.

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of an identical text or by endorsement, at the latest by September 2013, and conflicting national standards shall be withdrawn at the latest by September 2013.

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 15373:2007 and EN 13761:2002.

According to the CEN/CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, 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.

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## Introduction

This European Standard has been developed as a merging project out of the following European Standards:

- EN 15373:2007, *Furniture – Strength, durability and safety – Requirements for non-domestic seating*
- EN 13761:2002, *Office furniture – Visitors chairs*

All requirements in EN 16139 are taken from these two standards, where the new test level 2 reflects test level 3 of EN 15373 and the new test level 1 reflects test level 2 of EN 15373 and the former EN 13761.

The correspondent test method standard for this document, EN 1728, was also under revision in the same time period. In order to avoid a further revision of EN 16139 for the alignment with EN 1728, this project was slowed down until the final draft of EN 1728 was available.

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## 1 Scope

This European Standard specifies requirements for the safety, strength and durability of all types of non-domestic seating intended to be used by adults with a weight of not more than 110 kg, including office visitor chairs.

This European Standard does not apply to ranked seating, office work chairs, chairs for educational institutions, outdoor seating and to links for linked seating for which European Standards or drafts exist. It does also not apply to work chairs for industrial use.

This European Standard does not include requirements for the durability of upholstery materials, castors, reclining and tilting mechanisms and seat height adjustment mechanisms.

This European Standard does not include requirements for the resistance to ageing, degradation and flammability.

Annex A contains additional tests.

Annex B contains information on the level of test severity in relation to applications.

Annex C contains dimensional requirements for office visitor chairs.

## 2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 1022, *Domestic furniture – Seating – Determination of stability*

EN 1335-2:2009, *Office furniture – Office work chair – Part 2: Safety requirements*

EN 1335-3:2009, *Office furniture – Office work chair – Part 3: Test methods*

EN 1728:2012, *Furniture – Seating – Test methods for the determination of strength and durability*

## 3 Terms and definitions

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

### 3.1

#### **accessible part**

part to which access can easily be gained by the user when the seating is in its intended configuration of use and for which the probability of unintentional user contact is high

### 3.2

#### **part accessible during setting up and folding**

part to which access can only be gained when setting up and folding the furniture