

## **Office furniture - Storage furniture - Part 2: Safety requirements**

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## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 14073-2:2004 sisaldab Euroopa standardi EN 14073-2:2004 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 23.11.2004 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 14073-2:2004 consists of the English text of the European standard EN 14073-2:2004.</p> <p>This document is endorsed on 23.11.2004 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 European Standard specifies safety requirements for office storage furniture. This European Standard does not apply to high density mechanized filing systems, rotary filing systems or plan files. It should be understood that fulfilling the specified requirements does not ensure that failure will not occur as a result of habitual misuse or after an excessively long period of service.</p>	<p><b>Scope:</b></p> <p>This European Standard specifies safety requirements for office storage furniture. This European Standard does not apply to high density mechanized filing systems, rotary filing systems or plan files. It should be understood that fulfilling the specified requirements does not ensure that failure will not occur as a result of habitual misuse or after an excessively long period of service.</p>
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## Office furniture - Storage furniture - Part 2: Safety requirements

Mobilier de bureau - Meubles de rangement - Partie 2 :  
Exigences de sécurité

Büromöbel - Büroschränke - Teil 2: Sicherheitstechnische  
Anforderungen

This European Standard was approved by CEN on 27 May 2004.

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 14073-2:2004) 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 February 2005, and conflicting national standards shall be withdrawn at the latest by February 2005.

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

## 1 Scope

This document specifies safety requirements for office storage furniture.

This document does not apply to high density mechanized filing systems, rotary filing systems or plan files.

It should be understood that fulfilling the specified requirements does not ensure that failure will not occur as a result of habitual misuse or after an excessively long period of service.

Safety depending on structure of the building is not included e.g.: the strength of wall hanging cabinets includes only the cabinet and its parts. The wall and wall attachment are not included.

Assessment of ageing is not included.

## 2 Normative references

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

EN 14073-3:2004 *Office furniture - Storage furniture - Part 3: Test methods for the determination of stability and strength of the structure*

EN 14074:2004 *Office furniture – Tables and desks and storage furniture - Test methods for the determination of strength and durability of moving parts.*

## 3 Safety Requirements

### 3.1 Principles

Storage furniture shall be designed so as to minimise the risk of injury in normal use.

The following safety requirements are based upon the knowledge that office storage furniture and its parts are likely to cause injury only when they are heavy and fall through a significant distance. This is possible if floor standing units overbalance, wall or screen mounted units become detached, or heavy parts become detached from units.

Therefore, the test sequence and the safety requirements specified in clause 3.5 and 3.6 are applicable:

- When the height of the centre of gravity of the unit, or any part is  $> 650\text{mm}$  above the floor and the total mass is  $> 10\text{kg}$
- When the potential energy is  $> 65\text{ Nm}$  and the distance from the floor to the lowest edge of the unit or any part is  $> 300\text{mm}$

The potential energy is the multiplication of the total mass of the unit, or the part, and the height above the floor in meter (m) to the centre of gravity.