

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

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 14073-3:2004 sisaldab Euroopa standardi EN 14073-3:2004 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 14073-3:2004 consists of the English text of the European standard EN 14073-3:2004.</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>Käsitlusala: This document specifies test methods for the determination of strength of the structure of free standing or screen and wall hanging office storage furniture as well as stability of free standing units. This document is applicable to mobile furniture, with the exception of the test described in 5.2 which is replaced by the test described in 6.7 of EN 14074:2004.</p>	<p>Scope: This document specifies test methods for the determination of strength of the structure of free standing or screen and wall hanging office storage furniture as well as stability of free standing units. This document is applicable to mobile furniture, with the exception of the test described in 5.2 which is replaced by the test described in 6.7 of EN 14074:2004.</p>
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English version

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

Mobilier de bureau - Meubles de rangement - Partie 3 :
Méthodes d'essai pour la détermination de la stabilité et de
la résistance de la structure

Büromöbel - Büroschränke - Teil 3: Prüfverfahren zur
Bestimmung der Standsicherheit und der Festigkeit der
Konstruktion

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.

CEN members are the national standards bodies of 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.



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Foreword

This document (EN 14073-3:2004) 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 implement this European Standard : 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 test methods for the determination of strength of the structure of free standing or screen and wall hanging office storage furniture as well as stability of free standing units.

This document is applicable to mobile furniture, with the exception of the test described in 5.2 which is replaced by the test described in 6.7 of EN 14074:2004.

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

The tests are intended to simulate overbalancing forces and structural loads, which may occur during normal functional use, as well as misuse that might reasonably be expected to occur.

Safety depending on the 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 the wall attachment are not included.

Safety requirements can be found in EN 14073-2.

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

ISO 7619:2004 *Rubber - Determination of indentation hardness by means of pocket hardness meters.*

3 General test conditions

3.1 Preliminary preparation

The tests specified in this standard are designed to be applied to an item of furniture that is fully assembled and ready for use.

Before any of the tests are commenced, the item shall be old enough to ensure that it has developed its full strength.

The furniture shall be tested as delivered. Ready to Assemble furniture shall be assembled according to the instructions supplied with it. If the furniture can be assembled or combined in different ways, the most adverse combination shall be used for each test. This is also applicable to units that can be combined with other units or components.

Wall or screen mounted units shall be installed according to the manufacturer's instructions.

The tests shall be carried out in indoor ambient conditions but, if during a test, the atmosphere temperature is outside the range 15 °C to 25 °C the maximum and/or minimum temperature shall be recorded in the test report.