

Furniture - Domestic and kitchen storage units and
kitchen-worktops - Safety requirements and test
methods

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 14749:2016+A1:2022 sisaldab Euroopa standardi EN 14749:2016+A1:2022 ingliskeelset teksti.	This Estonian standard EVS-EN 14749:2016+A1:2022 consists of the English text of the European standard EN 14749:2016+A1:2022.
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English Version

Furniture - Domestic and kitchen storage units and kitchen-worktops - Safety requirements and test methods

Ameublement - Meubles de rangement domestiques et
de cuisine et plans de travail de cuisine - Exigences de
sécurité et méthodes d'essai

Möbel - Wohn- und Küchenbehältnismöbel und
Küchenarbeitsplatten - Sicherheitstechnische
Anforderungen und Prüfverfahren

This European Standard was approved by CEN on 21 November 2015 and includes Amendment 1 approved by CEN on 13 March 2022.

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

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European foreword

This document (EN 14749:2016+A1:2022) 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of an identical text or by endorsement, at the latest by November 2022, and conflicting national standards shall be withdrawn at the latest by November 2022.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes A1 EN 14749:2016 A1.

This document includes Amendment 1 approved by CEN on 13 March 2022.

The start and finish of text introduced or altered by amendment is indicated in the text by tags A1 A1.

Compared to EN 14749:2005 the following modifications have been made:

- a) structure revised;
- b) the most test methods removed and replaced by a reference to EN 16122:2012, *Domestic and non-domestic storage furniture — Test methods for the determination of strength, durability and stability*;
- c) Clause 3 “Terms and definitions” extended;
- d) tests for stability of TV-furniture added;
- e) Annex B (informative) “Guide to testing of units and components” amended;
- f) Annex D (informative) “Relation between safety requirements, total mass and position of centre of gravity of loaded units or loaded components” deleted;
- g) new Annex D (informative) containing a method for calculation of vertical and horizontal acting forces added.

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

Introduction

With this revision the included test methods have been as far as possible taken out of the standard and referenced to:

- EN 16122:2012, *Domestic and non-domestic storage furniture — Test methods for the determination of strength, durability and stability*.

This standard was prepared in order to provide assurance that domestic storage furniture and kitchen-worktops comply with the given requirements and are safe.

The intention of this European Standard is the prevention of serious injury through normal use, as well as foreseeable misuse. It cannot ensure that structural failure will not eventually occur as a result of habitual misuse.

Co-ordinating sizes for kitchen furniture (including kitchen-worktops) kitchen appliances, sinks and decorative panels are covered by EN 1116, *Kitchen furniture — Co-ordinating sizes for kitchen furniture and kitchen appliances*.

1 Scope

[A1] This document specifies safety requirements and test methods for all types of kitchen and bathroom storage units and domestic storage furniture, including TV-furniture, and their components. **[A1]**

It does not apply to non-domestic storage, office storage, industrial storage, catering equipment, retail storage and industrial storage lockers.

[A1] It does not apply to furniture covered by EN 71 1, Safety of toys — Part 1: Mechanical and physical properties.

The stability requirements do not apply to TV-furniture with a built in TV attachment. Such products are covered by EN 62368 1:2014+A11:2017, Audio/video — Information and communication technology equipment — Part 1: Safety requirements, Clause 8.6. **[A1]**

It does not include requirements for the resistance to ageing, degradation, flammability and electrical safety.

Safety that is dependent upon the structure of the building is not included, *e.g.* the strength of wall hanging units includes only the cabinet and its components including wall attachment devices. The wall and the wall attachments are not included.

Annex A (normative) contains additional test methods.

Annex B (informative) contains a guide to testing of units and components according to this document.

Annex C (informative) contains an example of loading of wall hanging units.

Annex D (informative) contains a method for calculation of vertical and horizontal acting forces.

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 71-1:2014, *Safety of toys - Part 1: Mechanical and physical properties*

EN 12150-1:2015, *Glass in building — Thermally toughened soda lime silicate safety glass — Part 1: Definition and description*

EN 12600, *Glass in building - Pendulum test - Impact test method and classification for flat glass*

EN 14072:2003, *Glass in furniture - Test methods*

EN 16122:2012, *Domestic and non-domestic storage furniture - Test methods for the determination of strength, durability and stability*

[A1] EN 62368-1:2014+A11:2017, *Audio/video — information and communication technology equipment — Part 1: Safety requirements* **[A1]**

3 Terms and definitions

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

3.1

unit

piece of storage furniture