



Institut luxembourgeois de la normalisation
de l'accréditation, de la sécurité et qualité
des produits et services

ILNAS-EN 14749:2016

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

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National Foreword

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**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

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Küchenarbeitsplatten - Sicherheitstechnische
Anforderungen und Prüfverfahren

This European Standard was approved by CEN on 21 November 2015.

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COMITÉ EUROPÉEN DE NORMALISATION
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European foreword

This document (EN 14749:2016) 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of an identical text or by endorsement, at the latest by August 2016, and conflicting national standards shall be withdrawn at the latest by February 2017.

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 14749:2005.

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, 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.

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

This European Standard specifies safety requirements and test methods for all types of kitchen and bathroom storage units and domestic storage furniture and their components.

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

It does not apply to units covered by EN 71-1, *Safety of toys — Part 1: Mechanical and physical properties* and EN 60065, *Audio, video and similar electronic apparatus — Safety requirements* (IEC 60065).

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*

3 Terms and definitions

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

3.1

unit

piece of storage furniture

3.2

free standing unit

unit not intended to be attached to a load bearing structure