

# SVENSK STANDARD

## SS-EN 14749:2016



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### **Möbler för hemmiljö och kök – Förvaringsenheter och bänkskivor – Säkerhetskrav och provningsmetoder**

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

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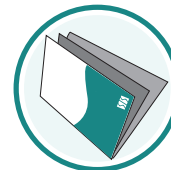
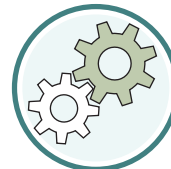
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Denna standard ersätter SS-EN 14749:2005, utgåva 1.

The European Standard EN 14749:2016 has the status of a Swedish Standard. This document contains the official English version of EN 14749:2016.

This standard supersedes the Swedish Standard SS-EN 14749:2005, edition 1.

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EUROPEAN STANDARD

EN 14749

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 2016

ICS 97.040.10; 97.140

Supersedes EN 14749:2005

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.

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

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

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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of an identical text or by endorsement, at the latest by August 2016, and conflicting national standards shall be withdrawn at the latest by February 2017.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

### 3.3

#### **floor standing unit intended to be attached to the building**

unit intended to be supported by the floor and also attached to a structure

### 3.4

#### **wall hanging unit**

unit intended to be entirely supported by a vertical structure

Note 1 to entry: A vertical structure can be a wall, panel or screen.

### 3.5

#### **wall attachment device**

device including the component that is attached to the cabinet and the component that is attached to the wall

Note 1 to entry: A component that is attached to the cabinet is e.g. a suspension bracket.

Note 2 to entry: A component that is attached to the wall is e.g. a hook, a rail.

### 3.6

#### **kitchen-worktop**

work surface primarily intended to be used for preparing food

### 3.7

#### **TV-furniture**

unit designed to support a TV-set

### 3.8

#### **component**

part of a unit including hardware

### 3.9

#### **extension element**

component that can be pulled out and pushed in

Note 1 to entry: An extension element can be a basket, a drawer or a suspended pocket file.

### 3.10

#### **storage area**

#### **storage volume**

space in furniture for storage

Note 1 to entry: A storage area/-volume can be in extension elements and on shelves, bottoms and tops.

### 3.11

#### **accessible part**

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

Note 1 to entry: This includes, but is not limited to:

- the exposed edges and corners of storage units to which the user has access when the doors, drawers and extension elements are closed,
- the corners and edges of handles.