KÖÖGIVALAMUD. FUNKTSIONAALSED NÕUDED JA KATSEMEETODID

Kitchen sinks - Functional requirements and test methods



EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 13310:2015+A1:2018 sisaldab Euroopa standardi EN 13310:2015+A1:2018 ingliskeelset teksti.	This Estonian standard EVS-EN 13310:2015+A1:2018 consists of the English text of the European standard EN 13310:2015+A1:2018.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 17.10.2018.	Date of Availability of the European standard is 17.10.2018.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile <u>standardiosakond@evs.ee</u>.

ICS 97.040.10

Standardite reprodutseerimise ja levitamise õigus kuulub Eesti Standardikeskusele

Andmete paljundamine, taastekitamine, kopeerimine, salvestamine elektroonsesse süsteemi või edastamine ükskõik millises vormis või millisel teel ilma Eesti Standardikeskuse kirjaliku loata on keelatud.

Kui Teil on küsimusi standardite autorikaitse kohta, võtke palun ühendust Eesti Standardikeskusega: Koduleht <u>www.evs.ee</u>; telefon 605 5050; e-post <u>info@evs.ee</u>

The right to reproduce and distribute standards belongs to the Estonian Centre for Standardisation

No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying, without a written permission from the Estonian Centre for Standardisation.

If you have any questions about copyright, please contact Estonian Centre for Standardisation:

Homepage www.evs.ee; phone +372 605 5050; e-mail info@evs.ee

EUROPEAN STANDARD NORME EUROPÉENNE

EN 13310:2015+A1

EUROPÄISCHE NORM

October 2018

ICS 97.040.10

English Version

Kitchen sinks - Functional requirements and test methods

Éviers de cuisine - Prescriptions fonctionnelles et méthodes d'essai Küchenspülen - Funktionsanforderungen und Prüfverfahren

This European Standard was approved by CEN on 5 June 2015 and includes Amendment 1 approved by CEN on 14 April 2018.

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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of 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, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Contents Page

Europ	pean foreword	3
1	Scope	4
2	Normative references	4
3	Terms and definitions	4
4	A1) Characteristics (A1)	7
4.1	General	
4.2	Connecting dimensions	
4.3	Draining of water	
4.4	Resistance to dry heat	
4.5	Resistance to temperature changes	
4.6	Resistance against chemicals and staining agents	
4.7	Surface stability	
4.8	Load stability	
4.9	Flow rate of the overflow	
4.10	Durability	<u>ç</u>
5	Test methods	
5.1	General	9
5.2	Draining of water	
5.3	Resistance to dry heat	
5.4	Resistance to temperature changes	10
5.5	Resistance against chemicals and staining agents	
5.6	Resistance to scratching	
5.7	Resistance to abrasion	
5.8	Load stability	
5.9	Determination of the flow rate of overflow	18
6	Dangerous substances	19
7	Marking	19
8	Assessment and verification of constancy of performance – AVCP	20
8.1	General	20
8.2	Type testing	20
8.3	Factory production control (FPC)	21
Annex	x A (informative) Care and use of kitchen sinks	2 3
Annex	x ZA (informative) Relationship of this European Standard with Regulation (EU) No. 305/2011	 2 4
Diblia	ography	
DIDIIO	JZI ADUY	ZC

European foreword

This document (EN 13310:2015+A1:2018) has been prepared by Technical Committee CEN/TC 163 "Sanitary appliances", 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 April 2019 and conflicting national standards shall be withdrawn at the latest by July 2020.

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 includes Amendment 1 approved by CEN on 14 April 2018.

This document supersedes A EN 13310:2015 A.

The start and finish of text introduced or altered by amendment is indicated in the text by tags $\boxed{\mathbb{A}_1}$.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

For relationship with EU Construction Products Regulation, see informative Annex ZA, which is an integral part of this document.

- (A) The main changes introduced in EN 13310 were the following:
- a) introduction of a new Annex ZA in accordance with the latest template (in the format of TF N 678 rev 1 of 2015-06-02);
- b) modification in the test procedure for resistance to scratching;
- c) modification of the marking of products;
- d) editorial modifications as agreed between representatives of EU/DG Growth, CEN/TC 163 and FECS on 2016-07-07 in Brussels for citation of standard in OJEU.

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, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Scope 1

This European Standard specifies the functional A characteristics (4) of and test methods for kitchen sinks for domestic purposes, which ensure that the product, when installed in accordance with the manufacturers' instructions, gives satisfactory performance.

For the purposes of this standard, the term "domestic purposes" includes use in hotels, accommodation for students, hospitals and similar buildings.

This document does not specify aesthetic A characteristics (41) and the overall dimensions of kitchen sinks.

It does not apply to industrial kitchen sinks.

NOTE 2 All drawings are examples only; other forms are permissible.

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 695, Kitchen sinks — Connecting dimensions

EN ISO 6506-1, Metallic materials — Brinell hardness test — Part 1: Test method (ISO 6506-1)

ISO 4211-3, Furniture — Tests for surface finishes — Part 3: Assessment of resistance to dry heat

ISO 9352, Plastics — Determination of resistance to wear by abrasive wheels

Terms and definitions

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

3.1

kitchen sink

bowl or group of bowls with (a) waste hole(s) and, if applicable, tap hole(s) and overflow(s), with or without draining areas, standing alone, integrated with, or assembled with a worktop or assembled into a purpose-built kitchen, intended for the preparation of foodstuffs, the washing of dishes and the discharge of domestic waste water

3.1.1

wall-hung sink

sink which is fixed directly to the wall without a base unit

Note 1 to entry: See Figure 1: