SLOVENSKI STANDARD
SIST EN 14296:2015+A1:2018

01-december-2018

Sanitarna oprema - Skupinska umivalna korita

Sanitary appliances - Communal washing troughs

Sanitärausstattungsgegenstände - Reihenwaschanlagen

Appareils sanitaires - Lavabos collectifs

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Ta slovenski standard je istoveten z: **EN 14296:2015+A1:2018**

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ICS:

91.140.70	Sanitarne naprave	Sanitary installations

SIST EN 14296:2015+A1:2018 **en,fr,de**

2003-01.Slovenski inštitut za standardizacijo. Razmnoževanje celote ali delov tega standarda ni dovoljeno.

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 14296:2015+A1

October 2018

ICS 91.140.70

English Version

Sanitary appliances - Communal washing troughs

Appareils sanitaires - Lavabos collectifs

Sanitärausstattungsgegenstände - Reihenwaschanlagen

This European Standard was approved by CEN on 28 May 2015 and includes Amendment 1 approved by CEN on 14 April 2018.

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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.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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European foreword

This document (EN 14296:2015+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of an identical text or by endorsement, at the latest by April 2019, and conflicting national standards shall be withdrawn at the latest by July 2020.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 A1 EN 14296:2015 A1.

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

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

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

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A1 The main changes introduced in EN 14296 were the following:

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a) introduction of a new Annex ZA according to the latest template (in the format of TF N 678 rev 1 of 2015-06-02);

b) modification of the marking of products;

c) modification of the clause “Test samples, testing and compliance criteria”;

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. A1

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.

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1 Scope

This European Standard specifies [A1⟩ characteristics ⟨A1] for the cleanability, load resistance and durability of communal washing troughs used for domestic purposes.

NOTE For the purposes of this document, the term “domestic purposes” includes use in factory changing-rooms, sportsclubs, accommodation for students, hospitals and similar buildings, except when special medical provisions are required.

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 695, *Kitchen sinks - Connecting dimensions*

3 Terms and definitions

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

3.1
communal washing trough
single bowl sanitary appliance at which more than one person can wash at the same time, which is designed to be installed with (a) permanently open waste fitting(s) capable of accepting the flow from more than one tap and which can be installed standing alone (free standing (pedestal)) or wall mounted

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3.2
cleanability
characteristics which allow surfaces intended to come into contact with water to be visibly smooth, non-absorbent and free from unacceptable internal corners, such that they can be kept visibly free from dirt and/or stains when subject to a regular maintenance routine, which may include, when appropriate, the specific instructions for use and care as specified by the manufacturer

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3.3
product type
[A1⟩ set of representative performance levels or classes of a construction product, in relation to its essential characteristics, produced using a given combination of raw materials or other elements in a specific production process

Note 1 to entry: The definition is taken from Regulation (EU) No. 305/2011. ⟨A1]

4 [A1⟩ Characteristics ⟨A1]

4.1 General

[A1⟩ instructions on installation, use and care shall be supplied.

The waste outlet hole shall comply with the dimensions as specified in EN 695, unless the waste fitting is provided with the washing trough. ⟨A1]

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4.2 Cleanability

When tested as described in 5.1, communal washing troughs shall have smooth and readily cleansed non-absorbent functional surfaces which are free from acute internal corners, i.e. surfaces intended to or likely to come into contact with water during use.

Experience has shown that communal washing troughs manufactured from plastics, enamelled steel/cast iron, stainless steel, glazed ceramics, glass and anodized aluminium, designed and constructed without acute internal corners, satisfy these requirements.

4.3 Load resistance

Communal washing troughs shall not crack, collapse or show permanent distortion which prevents water from draining through the waste hole when tested as specified in 5.2.2 and 5.2.4.

Communal washing troughs shall not crack, or collapse when tested as specified in 5.2.3.

4.4 Durability

Communal washing troughs shall be manufactured from materials that will satisfy the ▌A1⟩ characteristics ⟨A1▌ of 4.2 and 4.3.

5 Test methods

5.1 Cleanability

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Visually examine the functional surface of the communal washing trough using a suitable light source. Record the material of construction and any failure to comply with the requirements of 4.2.

Imperfections that do not affect the functionality of the surface shall not constitute a failure.

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5.2 Determination of load resistance

5.2.1 General

Install the communal washing trough to be tested according to the manufacturer's installation instructions.

5.2.2 Load evenly distributed on the rim

Apply an evenly distributed load of $25\ ^{+0,5}_{0}$ kg every 50 cm on the rim, as shown in Figures 1 a), 1 b), 1 c) and 1 d). Reinforced cloth bags filled with lead shot, iron shot or sand shall be used. The load shall remain in position for a minimum period of 1 h.

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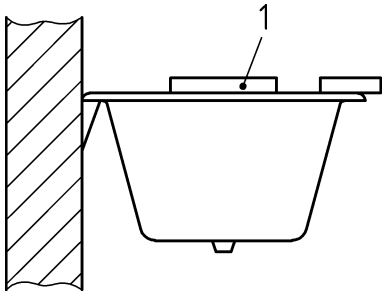
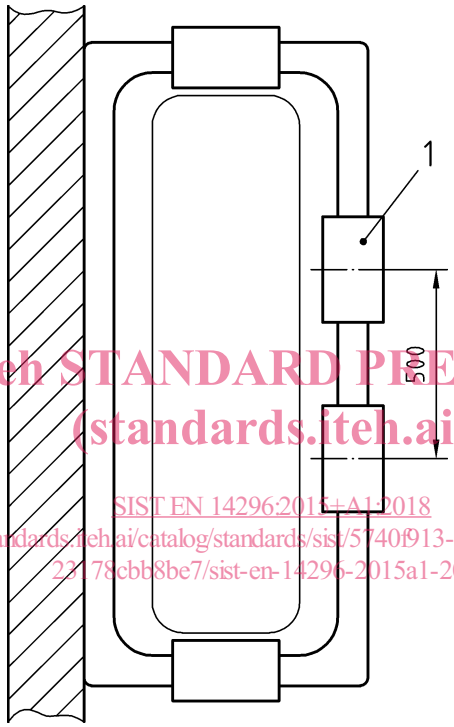


a) Wall mounted trough, viewed from the side

Dimensions in millimetres



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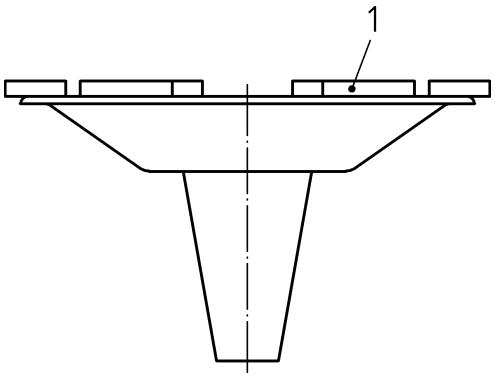
b) Wall mounted trough, viewed from above



c) Free standing trough, viewed from the side

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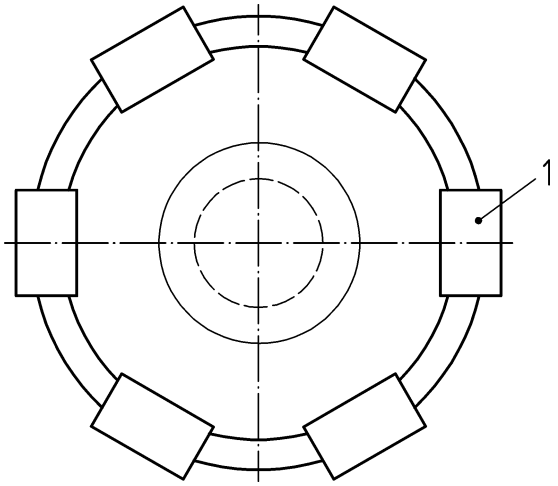

d) Free standing trough, viewed from above

Key

1 one bag of 25 $^{+0,5}_{0}$ kg or two bags of 12,5 $^{+0,25}_{0}$ kg

Figure 1 — Installation for load test - Test on the rim

Note any crack, collapse or permanent distortion preventing water from draining trough the waste hole.

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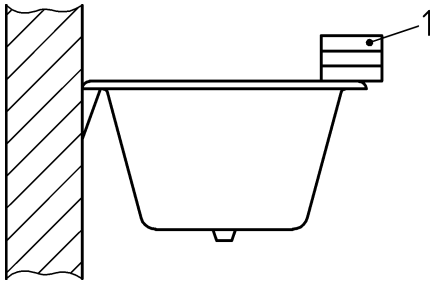
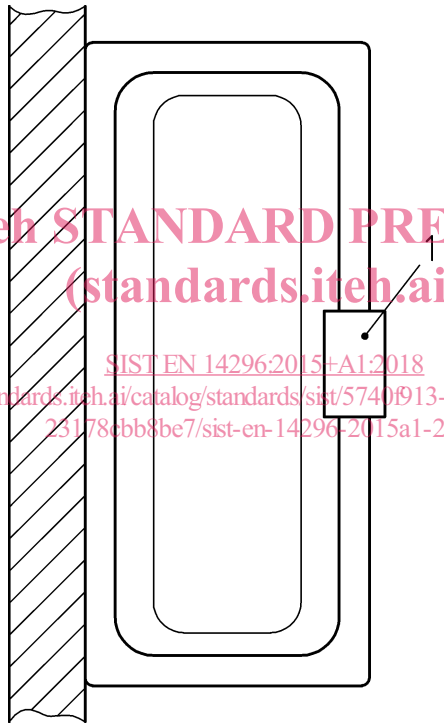
5.2.3 Localized load on the rim

Apply a load of 75 $^{+1,5}_{0}$ kg in the middle of the rim, as shown in Figures 2 a), 2 b), 2 c) and 2 d). Reinforced cloth bags filled with lead shot, iron shot or sand shall be used. The load shall remain in position for a minimum period of 1 h.



a) Wall mounted trough, viewed from the side



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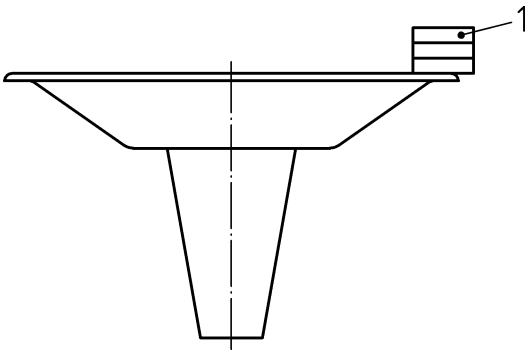
b) Wall mounted trough, viewed from above



c) Free standing trough, viewed from the side

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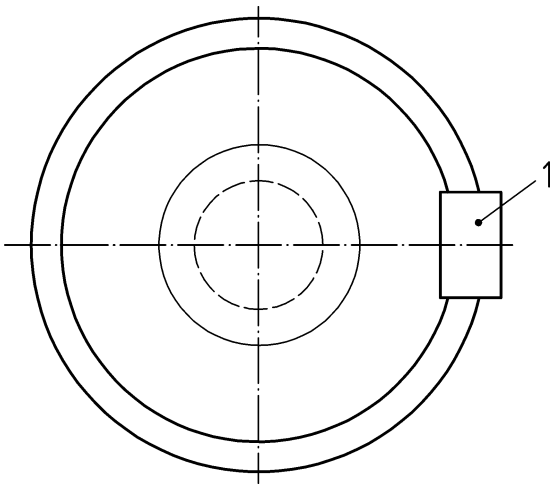

d) Free standing trough, viewed from above

Key

1 three bags of 25 $^{+0,5}_{0}$ kg or six bags of 12,5 $^{+0,25}_{0}$ kg

Figure 2 — Installation for load test - Test on the rim

Note any crack, or collapse of the trough.

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