



SLOVENSKI STANDARD
kSIST FprEN 14528:2015
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Bideji - Funkcionalne zahteve in preskusne metode

Bidets - Functional requirements and test methods

Sitzwaschbecken - Funktionsanforderungen und Prüfverfahren

Bidets - Exigences fonctionnelles et méthodes d'essai

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English Version

Bidets - Functional requirements and test methods

Bidets - Exigences fonctionnelles et méthodes d'essai

Sitzwaschbecken - Funktionsanforderungen und Prüfverfahren

This draft European Standard is submitted to CEN members for unique acceptance procedure. It has been drawn up by the Technical Committee CEN/TC 163.

If this draft becomes a European Standard, 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.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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

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Foreword

This document (FprEN 14528:2014) has been prepared by Technical Committee CEN/TC 163 “Sanitary appliances”, the secretariat of which is held by UNI.

This document is currently submitted to the Unique Acceptance Procedure.

This document will supersede EN 14528:2007.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of the EU Construction Products Regulation.

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

Since the latest edition of EN 14528 the most significant technical changes are the following:

- a) introduction of the term “product type”;
- b) introduction of the clause “Dangerous substances”;
- c) modification of the marking of products;
- d) replacement of the clause “Evaluation of conformity” by “Assessment and verification of constancy of performance – AVCP” and replacement of Annex ZA by a new one in accordance with provisions of Regulation 305/2011/EU.

FprEN 14528:2014 (E)

1 Scope

This European Standard specifies the functional requirements and test methods for bidets used for domestic purposes and made from either ceramics or stainless steel.

All drawings are examples only, other forms are permissible.

NOTE For the purposes of this standard the term 'domestic purposes' includes use in hotels, 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 35, *Pedestal and wall-hung bidets with over-rim supply — Connecting dimensions*

3 Terms and definitions

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

3.1

bidet

sanitary appliance for washing the genital area whilst seated

Note 1 to entry: See Figures 1 and 2.

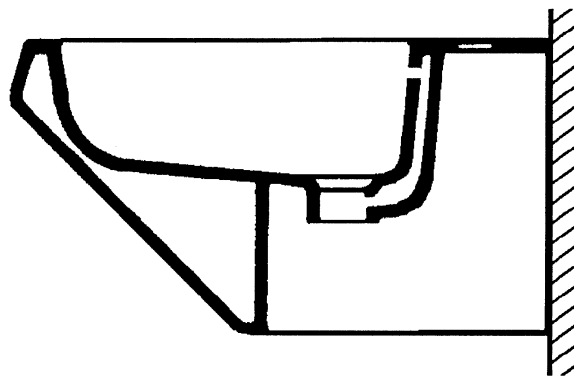


Figure 1 — Wall-hung bidet

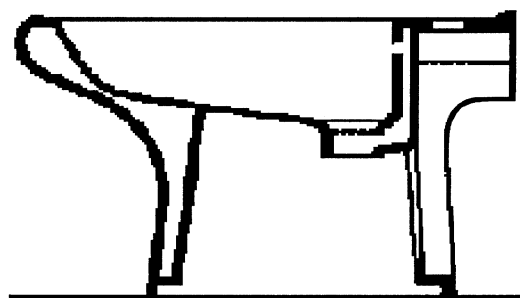


Figure 2 — Pedestal bidet

3.2**cleanability**

characteristic which allows 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 regime, which may include, when appropriate, specific instructions for use and care, as specified by the manufacturer

3.3**product type**

construction product with a set of representative performance levels or classes in relation to its Essential Characteristics, produced using a given combination of raw materials or other elements in a specific production process

4 Requirements**4.1 Connecting dimensions**

The connecting dimensions for the supply and outlet fitting shall conform to the standards specified in Table 1, or the manufacturer shall either supply or recommend appropriate fittings.

Table 1 — Standards for connecting dimensions

Bidet	Standard
Pedestal bidet	EN 35
Wall-hung bidet	EN 35

4.2 Load stability

When tested in accordance with 5.2, stainless steel and all wall-hung bidets shall withstand a force of $(4,00 \pm 0,1)$ kN without showing any evidence of cracking and/or permanent deformation.

4.3 Cleanability

When tested in accordance with 5.3, bidets shall have smooth and readily cleansed non-absorbent functional surfaces which are free from acute internal corners which would be difficult to clean, i.e. surfaces intended to or likely to come into contact with water during use.

NOTE Functional surfaces do not include inlet and outlet holes, outlet grills, etc.

4.4 Protection against overflowing**4.4.1 Bidets with overflow**

Every bidet shall be protected against overflowing.

When tested in accordance with 5.4, the flow rate of the overflow shall not be less than the values given in Table 2.

Table 2 — Flow rates of overflow

Overflow class	Overflow rate l/s
CL 25	0,25
CL 20	0,20
CL 15	0,15
CL 00	See 4.4.2

4.4.2 Bidets without overflow

A bidet with a non-closable outlet or a floor gully may also be used as a protection against overflowing. In this case the bidet is related to Class CL 00.

4.5 Durability

Products conforming to the requirements of 4.2 to 4.4 are deemed to be durable.

5 Test methods

5.1 General

All tests shall be carried out on the same sample bidet.

Install the bidet to be tested on a firm flat horizontal or vertical surface as appropriate with a layer of mortar or other material to accommodate any unevenness.

5.2 Static load test

- The bidet shall be fixed in accordance with the manufacturer's instruction onto a smooth surface with a layer of mortar or other facing material used for pointing between the back of the bidet and the smooth surface.
- Gradually apply a force of $(4,00 \pm 0,1)$ kN on top of a wooden beam with a cross section of 100 mm × 100 mm positioned across the geometric centre of the bowl of the bidet parallel to the wall (see Figure 3). Allow the force to remain in position for a period of 1 h.
- Record any failure to comply with 4.2. Any distortion at the points of direct loading shall not constitute a failure.