



**SLOVENSKI STANDARD**  
**SIST EN 14527:2006/kprA1:2010**  
**01-maj-2010**

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**Kadi za prhanje za domačo uporabo**

Shower trays for domestic purposes

Duschwannen für den Hausgebrauch

Receveurs de douche à usage domestique

ITih STANDARD PREVIEW  
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**Ta slovenski standard je istoveten z: EN 14527:2006/FprA1**

[SIST EN 14527:2006/kprA1:2010](https://standards.iteh.ai/catalog/standards/sist/0965f6a2-c7eb-4edd-b646-7c061d12c70b/sist-en-14527-2006-kpra1-2010)

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**ICS:**

91.140.70      Sanitarne naprave      Sanitary installations

**SIST EN 14527:2006/kprA1:2010**      **en,fr,de**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**FINAL DRAFT**  
**EN 14527:2006**

**FprA1**

March 2010

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ICS 91.140.70

English Version

## Shower trays for domestic purposes

Receveurs de douche à usage domestique

Duschwannen für den Hausgebrauch

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

This draft amendment A1, if approved, will modify the European Standard EN 14527:2006. If this draft becomes an amendment, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration.

This draft amendment was established by CEN 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 Management Centre has the same status as the official versions.

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

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

**EN 14527:2006/FprA1:2010 (E)****Foreword**

This document (EN 14527:2006/FprA1:2010) 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 2<sup>nd</sup> UAP.

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 EU Directive(s).

For relationship with EU Directive(s), see informative Annex ZA which is an integral part of this document.

This document supports the unified approach for CE marking of sanitary appliances covered by harmonised European Standards elaborated by CEN/TC 163 under the Mandate M/110 "Sanitary appliances".

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## 1 Modification to Clause 1 “Scope”

*In the first paragraph, delete the wording “of cleanability”.*

## 2 Modification to sub-clause 3.3

*Replace with the following:*

### “3.3

#### **durability**

attributes of materials and their surfaces intended to come into contact with water, which allow the anticipated working life of the product”.

## 3 Insertion of new Clause 4 as follows:

### “4 Classification

Class 1: Products complying with the requirements of Clause 5

Class 2: Products complying with the requirements of Clause 6”

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*Renumber and modify all cross references accordingly.*

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[7c061d12c70b/sist-en-14527-2006-kprA1-2010](https://standards.iteh.ai/catalog/standards/sist/0965f6a2-c7eb-4edd-b646-7c061d12c70b/sist-en-14527-2006-kprA1-2010)

## 4 Modification to the heading of the renumbered Clause 5 (former Clause 4) as follows:

*Replace*

### “5 Requirements”

*with*

### “5 Requirements for class 1 products”

## 5 Modification to the renumbered sub-clause 5.3.1 as follows: (former sub-clause 4.3.1)

*Delete “of cleanability” at the end of the sentence.*

## 6 Deletion of the renumbered sub-clause 5.4 “Dangerous substances” (former sub-clause 4.4)

**EN 14527:2006/FprA1:2010 (E)****7 Insertion of new Clause 6 as follows:****“6 Requirements for class 2 products****6.1 General**

The manufacturer shall provide instructions with each shower tray covering installation and care.

NOTE Annex B gives advice which manufacturers can include in their instructions.

**6.2 Cleanability****6.2.1 Appearance of surface**

When a shower tray is inspected under strong and oblique illumination, the surfaces intended to come into contact with water shall be visibly smooth, non-absorbent and free from inaccessible corners that would impair the cleanability.

NOTE Surfaces with cracks, chips, crazing and other similar defects are not considered to be smooth.

**6.2.2 Drainage of water**

Shower trays shall have at least one waste outlet hole. The dimensions of the waste outlet hole shall comply with the requirements of EN 251. Other dimensions are permissible, if the manufacturer provides or recommends a suitable waste fitting.

All water shall empty from the shower tray unless prevented by surface tension.

**6.3 Durability****6.3.1 General**

[SIST EN 14527:2006/kprA1:2010  
https://standards.iteh.ai/catalog/standards/sist/0965f6a2-c7eb-4edd-b646-7c061d12c70b/sist-en-14527-2006-kpra1-2010](https://standards.iteh.ai/catalog/standards/sist/0965f6a2-c7eb-4edd-b646-7c061d12c70b/sist-en-14527-2006-kpra1-2010)

Shower trays shall be readily cleanable for their anticipated working life when normal cleaning and maintenance is carried out.

**6.3.2 Materials**

Experience has shown that shower trays made from plastics materials, enamelled steel, enamelled cast iron, stainless steel, glazed ceramics or glass and their surfaces intended to come into contact with water have the properties described in 6.3.1.”

*Renumber and modify all cross references accordingly.*

**8 Insertion of new Clause 7 as follows:****“7 Dangerous substances**

NOTE See Annex ZA, ZA.1 and ZA.3.”

*Renumber and modify all cross references accordingly*

## 9 Modification to Clause 9 (former Clause 6)

Replace this clause with the following:

### “9 Marking, labelling and packaging

The relevant Essential Characteristics for shower trays including their abbreviations are given in Table 3.

**Table 3 — Characteristics and abbreviations**

Abbreviation	Characteristics
EN 14527	Number of European Standard for shower trays for product description
CA	Cleanability
CL 1	Class 1 product complying with the requirement of Clause 5
CL 2	Class 2 product complying with the requirement of Clause 6
DA	Durability

All shower trays shall be designated in accordance with the following system:

Class

Number of standard

Cleanability

Durability



The second line of the designation code can be omitted when those characteristics are fulfilled.

**EXAMPLE 1** For a shower tray of Class 1 where all Essential Characteristics specified in accordance with Annex ZA are satisfied.

EN 14527 – CL 1

Class

Number of standard

Cleanability

Durability

**EN 14527 – CL 1+CL 2**  
**CA – DA**

The second line of the designation code can be omitted when those characteristics are fulfilled.

**EXAMPLE 2** For a shower tray of both Class 1 and Class 2 where all Essential Characteristics specified in accordance with Annex ZA are satisfied.

EN 14527 – CL 1 + CL 2

**EN 14527:2006/FprA1:2010 (E)**

NOTE For CE marking, see Annex ZA.”

**10 Modification to sub-clause 10.2.3 “Samples, testing and compliance criteria” (former sub-clause 7.2.3)**

Replace the existing text in 10.2.3 with the following:

“The shower tray shall be subjected to and pass the relevant tests in Table 4 or Table 5 before delivery commences.

**Table 4 — Type testing for class 1 products**

Characteristics to be tested	Assessment method according to clauses of this standard	Number of samples	Compliance criteria
Appearance of surface	5.2.1	1	5.2.1
Drainage of water	5.2.2	1	5.2.2
Stability of bottom	8.1	1	5.3.2.
Resistance against chemicals and staining agents	8.2	1	5.3.3.1
Requirements of shower trays made from enamelled steel and cast iron	5.3.3.2	1	5.3.3.2
Resistance to temperatures changes	8.3	1	5.3.4

**Table 5 — Type testing for class 2 products**

Characteristics to be tested	Assessment method according to clauses of this standard	Number of samples	Compliance criteria
Appearance of surface	6.2.1	1	6.2.1
Drainage of water	6.2.2	1	6.2.2
Durability	6.3	1	6.3

**11 Modification to Annex ZA**

Replace existing Annex ZA with the following:

“



## Annex ZA (informative)

### Clauses of this European Standard addressing the provisions of the EU Construction Products Directive

#### ZA.1 Scope and relevant characteristics

This European Standard has been prepared the mandate M/110 <sup>1)</sup> given to CEN by the European Commission and the European Free Trade Association.

The clauses of this European Standard shown in this annex meet the requirements of the mandate given under the EU Construction Products Directive (89/106/EEC).

Compliance with these clauses confers a presumption of fitness of the shower trays covered by this annex for their intended use; reference shall be made to the information accompanying the CE marking.

**WARNING — Other requirements and other EU Directives, not affecting the fitness for intended use, can be applicable to the shower trays falling within the scope of this European Standard.**

NOTE 1 In addition to any specific clauses relating to dangerous substances contained in this standard, there may be other requirements applicable to the products falling within its scope (e.g. transposed European legislation and national laws, regulations and administrative provisions). In order to meet the provisions of the EU Construction Products Directive, these requirements need also to be complied with, when and where they apply.

NOTE 2 An informative database of European and national provisions on dangerous substances is available at the Construction web site on EUROPA (accessed through [http://ec.europa.eu/enterprise/construction/internal/dangsub/dangmain\\_en.htm](http://ec.europa.eu/enterprise/construction/internal/dangsub/dangmain_en.htm)).

This annex establishes the conditions for the CE marking of shower trays intended for the use indicated in Tables ZA.1.1 and ZA.1.2 and shows the relevant clauses applicable. This annex has the same scope as Clause 1 of this standard and is defined by Tables ZA 1.1 and ZA.1.2.

**Table ZA.1.1 — Scope and relevant clauses for class 1 products**

Construction product:	Shower trays of class 1 as covered by scope of this standard		
Intended use:	Personal hygiene		
Essential Characteristics	Requirement clauses in this European Standard	Mandated levels and/or classes	Notes (Expression at results)
Cleanability	5.2	None	Pass/fail
Durability	5.3	None	Pass/fail

<sup>1)</sup> Mandate M/110 "Sanitary Appliances" as amended by M/139