

Nederlandse norm

NEN-EN 14527+A1

(en)

Douchebakken voor huishoudelijk gebruik

shower trays for domestic purposes

Vervangt NEN-EN 14527:2006;
NEN-EN 14527:2006/2e Ontw. A1:2010

ICS 91.140.70

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Als Nederlandse norm is aanvaard:
 - EN 14527:2006+A1:2010,DT

Voorbeeld
 Preview

Normcommissie 349044 "Sanitaire toestellen"

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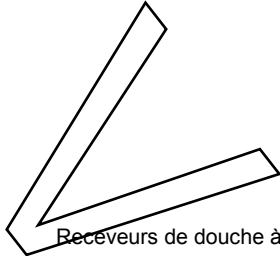
Nederlands voorwoord

Voor de in deze norm vermelde normatieve verwijzingen bestaan in Nederland de volgende equivalenten:

<u>vermelde norm</u>	<u>Nederlandse norm</u>	<u>titel</u>
EN 251 EN 14483-1	NEN-EN 251 NEN-EN 14483-1	Douchebakken - Aansluitmaten Email - Bepaling van de weerstand tegen chemische corrosie - Deel 1: Bepaling van de weerstand tegen chemische corrosie door zuren bij kamertemperatuur
ISO 2722	NEN 2705	Email - Bepaling van de bestandheid tegen citroenzuur of andere zuren bij kamertemperatuur
ISO 2742	NEN 2706	Email - Bepaling van de bestandheid tegen kokende zuren
ISO 2744	NEN 2707	Email - Bepaling van de bestandheid tegen kokend water en waterdamp
ISO 4533	-	-

Preview

Voorbeeld
Preview



Receveurs de douche à usage domestique

English Version

Shower trays for domestic purposes

Duschwannen für den Hausgebrauch

This European Standard was approved by CEN on 14 December 2005 and includes Amendment 1 approved by CEN on 19 June 2010.

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Preview



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Foreword

This document (EN 14527:2006+A1:2010) 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of an identical text or by endorsement, at the latest by January 2011, and conflicting national standards shall be withdrawn at the latest by April 2012.

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 2010-06-19.

This document supersedes EN 14527:2006.

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

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.

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EN 14527:2006+A1:2010 (E)**1 Scope**

This European Standard specifies requirements, test methods and procedures for evaluation of conformity for shower trays used for domestic purposes which ensure that the product, when installed, used and maintained in accordance with the manufacturer's instructions, will satisfy cleanability and **A1** durability **A1** when used for personal hygiene.

This standard is applicable to all sizes and shapes of shower trays.

This standard does not cover shower trays for use with medical provisions.

NOTE 1 For the purpose of this standard the term "domestic purposes" includes use in hotels, accommodation for students, hospitals and similar buildings.

NOTE 2 Annex A lists characteristics of materials commonly used for manufacturing shower trays.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 251, *Shower trays — Connecting dimensions*

EN 14483-1, *Vitreous and porcelain enamels — Determination of resistance to chemical corrosion — Part 1: Determination of resistance to chemical corrosion by acids at room temperature*

ISO 2722, *Vitreous and porcelain enamels — Determination of resistance to citric acid at room temperature*

ISO 2742, *Vitreous and porcelain enamels — Determination of resistance to boiling citric acid*

ISO 2744, *Vitreous and porcelain enamels — Determination of resistance to boiling water and water vapour*

ISO 4533, *Vitreous and porcelain enamels — Determination of resistance to hot detergent solutions used for washing textiles*

3 Terms and definitions

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

3.1 shower tray
sanitary appliance that collects the water from washing of the human body under a shower and directs it to a waste outlet

3.2 cleanability
characteristics which allow the surface intended to come into contact with water to be non-absorbent and readily kept visually free from dirt and/or stains when subject to a maintenance regime which may include, when appropriate, specific instructions for use and care specified by the manufacturer

A1

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 A_1

A_1

4 Classification

Class 1: Products complying with the requirements of Clause 5

Class 2: Products complying with the requirements of Clause 6 A_1

A_1

5 Requirements for class 1 products A_1 **5.1 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.

5.2 Cleanability**5.2.1 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 visually smooth, non-absorbent and free from inaccessible corners that would impair cleanability.

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

5.2.2 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.

5.3 A_1 Durability A_1 **5.3.1 General**

Conformance with the requirements of A_1 5.3.2 to 5.3.4 A_1 give an assurance of A_1 durability A_1 .

5.3.2 Stability of bottom

When tested in accordance with A_1 8.1 A_1 , there shall be no permanent distortion or other defects, e.g. cracks, such that the requirements of A_1 5.2.2 A_1 are not satisfied.

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