STN	Vane na domáce použitie	STN EN 14516+A1
		91 4117

Táto norma obsahuje anglickú verziu európskej normy. This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 02/19

Obsahuje: EN 14516:2015+A1:2018

Oznámením tejto normy sa od 31.08.2020 ruší STN EN 14516 (91 4117) z februára 2016

# EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM

EN 14516:2015+A1

November 2018

ICS 91.140.70

Supersedes EN 14516:2015

#### **English Version**

# Baths for domestic purposes

Baignoires à usage domestique

Badewannen für den Hausgebrauch

This European Standard was approved by CEN on 20 August 2015 and includes Amendment 1 approved by CEN on 17 May 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

## EN 14516:2015+A1:2018 (E)

Cont	ents	Page
Europ	ean foreword	4
1	Scope	5
2	Normative references	5
3	Terms and definitions	5
4	Classification	<i>6</i>
5	A1) Characteristics for type 1 products (A1)	6
5.1	General	
5.2	Cleanability	<i>6</i>
5.2.1	Appearance of surface	
5.2.2	Drainage of water	
5.3	Durability	
5.3.1	General	
5.3.2	Stability of bottom	
5.3.3	Resistance to chemicals and staining agents	
5.3.4	Resistance to temperature changes	
	•	
6	A) characteristics for type 2 products (A)	······································
6.1	General	
6.2	Cleanability	
6.2.1	Appearance of surface	
6.2.2	Drainage of water	
6.3	Durability	
6.3.1	General	
6.3.2	Materials	8
7	Dangerous substances	8
8	Test methods	
8.1	Stability of the bottom of the bath	
8.1.1	Test apparatus	
8.1.2	Determination of the load	
8.1.3	Procedure	9
8.2	Resistance to chemicals and staining agents	9
8.2.1	Principle	
8.2.2	Test apparatus and chemicals	
8.2.3	Test specimens	
8.2.4	Procedure	
8.2.5	Expression of results	
8.3	Resistance to temperature changes	
8.3.1	Apparatus	
8.3.2	Procedure	11
9	Marking, labelling and packaging	12
10	Assessment and verification of constancy of performance - AVCP	13
10.1	General	
10.2	Type testing	13
1021	Canaral	13

### EN 14516:2015+A1:2018 (E)

10.2.2	Samples, testing and compliance criteria 4	14
10.3	Factory production control	15
10.3.1	General	15
10.3.2	Equipment	15
10.3.3	Raw materials and components	16
10.3.4	Product testing and assessment	16
10.3.5	Non-conforming products	16
	Corrective action	
Annex	A (informative) Materials	17
<b>A.1</b>	Synthetic materials	
<b>A.2</b>	Ceramic materials	17
A.2.1	Vitreous china	17
A.2.2	Fireclay	17
<b>A.3</b>	Enamelled materials	17
A.3.1	Enamelled cast iron	17
A.3.2	Enamelled steel	17
<b>A.4</b>	Stainless steel	
Annex	B (informative) Surfaces of baths	18
Annex	ZA (informative) A Relationship of this European Standard with Regulation (EU)	
	No.305/2011 🔄	
ZA.1	Scope and relevant characteristics	
ZA.2	System of Assessment and Verification of Constancy of Performance (AVCP)	
ZA.3	Assignment of AVCP tasks	20
Diblio	rranhy	21

#### EN 14516:2015+A1:2018 (E)

## **European foreword**

This document (EN 14516:2015+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 May 2019, and conflicting national standards shall be withdrawn at the latest by August 2020.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document includes Amendment 1 approved by CEN on 2018-05-17.

This document supersedes (A1) EN 14516:2015 (A1).

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

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.

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.

### 1 Scope

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

This European Standard is applicable to all sizes and shapes of baths.

This European Standard does not cover baths 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 baths.

#### 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 232, Baths — Connecting dimensions

EN ISO 28706-1:2011, Vitreous and porcelain enamels — Determination of resistance to chemical corrosion — Part 1: Determination of resistance to chemical corrosion by acids at room temperature (ISO 28706-1:2008)

EN ISO 28706-2:2011, Vitreous and porcelain enamels — Determination of resistance to chemical corrosion — Part 2: Determination of resistance to chemical corrosion by boiling acids, boiling neutral liquids and/or their vapours (ISO 28706-2:2008)

EN ISO 28706-3:2011, Vitreous and porcelain enamels — Determination of resistance to chemical corrosion — Part 3: Determination of resistance to chemical corrosion by alkaline liquids using a hexagonal vessel (ISO 28706-3:2008)

koniec náhľadu – text ďalej pokračuje v platenej verzii STN